

Standard
Bible

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THE

STANDARD

DIARY



FOR SALE BY ALL STATIONERS.

PUBLISHED BY
THE STANDARD DIARY CO.

FOR IDENTIFICATION.

My Name *Donald R Campbell*

My Residence *West Tisbury*
Mass

My Business Address

My Home Telephone

My Office Telephone

In case of accident or serious illness please
notify.....

The make of my Automobile.....

Its Number.....

Number on case of my Watch

Number of the works.....

Number of my Bank Book

My Weight was *152* lb.....

and my Height *5' 10 1/2* feet.....Inches

Size of Hat *7*.....Gloves

" Hosiery *10 1/2*.....Collar *15*.....

" Cuffs,Shoes *7 1/2*.....

" Shirt.....Drawers

CALENDAR.

1911

JAN.							FEB.							MAR.							APRIL.							MAY.							JUNE.							DEC.							NOV.							OCT.							SEPT.							AUG.							JULY.							Sun.							Mon.							Tues.							Wed.							Thurs.							Fri.							Sat.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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CALENDAR.

1912

JAN.							JULY.						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
..	1	2	3	4	5	6	..	1	2	3	4	5	6
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28	29	30	31	..	..	..	28	29	30	31	..	..	..
..	..	..	..	1	2	3	..	..	..	..	1	2	3
FEB.							AUG.						
4	5	6	7	8	9	10	4	5	6	7	8	9	10
11	12	13	14	15	16	17	11	12	13	14	15	16	17
18	19	20	21	22	23	24	18	19	20	21	22	23	24
25	26	27	28	29	..	..	25	26	27	28	29	30	31
..	..	..	..	..	1	2	..	..	..	..	..	..	..
MAR.							SEPT.						
3	4	5	6	7	8	9	1	2	3	4	5	6	7
10	11	12	13	14	15	16	8	9	10	11	12	13	14
17	18	19	20	21	22	23	15	16	17	18	19	20	21
24	25	26	27	28	29	30	22	23	24	25	26	27	28
31	..	..	..	..	..	..	29	30	..	..	..	..	..
APRIL.							OCT.						
..	1	2	3	4	5	6	..	..	1	2	3	4	5
7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	..	..	..	..	27	28	29	30	31	..	..
..	..	..	1	2	3	4	..	..	..	..	..	1	2
MAY.							NOV.						
5	6	7	8	9	10	11	3	4	5	6	7	8	9
12	13	14	15	16	17	18	10	11	12	13	14	15	16
19	20	21	22	23	24	25	17	18	19	20	21	22	23
26	27	28	29	30	31	..	24	25	26	27	28	29	30
..	..	..	..	..	..	1	..	..	..	..	..	..	..
JUNE.							DEC.						
2	3	4	5	6	7	8	1	2	3	4	5	6	7
9	10	11	12	13	14	15	8	9	10	11	12	13	14
16	17	18	19	20	21	22	15	16	17	18	19	20	21
23	24	25	26	27	28	29	22	23	24	25	26	27	28
30	..	..	..	..	..	..	29	30	31	..	..	..	..

VALUES OF FOREIGN COINS.

The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 28, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after January 1, 1910, expressed in any of such metallic currencies :

COUNTRY.	STANDARD.	MONETARY UNIT.	VALUE.
			D. C. M.
Argentine Rep...	Gold	Peso	0 96 5
Austria-Hungary	Gold	Crown	0 20 3
Belgium	Gold	Franc	0 19 3
Bolivia	Gold	Boliviano	0 38 9
Brazil	Gold	Milreis	0 54 6
British America	Gold	Dollar	1 0 0
Costa Rica.....	Gold	Colon.....	0 46 5
Chili	Gold	Peso.....	0 36 5
China.....	Silver	Tael.. {	Shanghai.. 0 56 2
			Haikwan.. 0 62 6
			(Customs).
Colombia	Gold	Dollar	1 0 0
Denmark	Gold	Crown	0 26 8
Ecuador	Gold	Sucre	0 48 7
Egypt	Gold	Pound (100 piastres)	4 94 3
Finland	Gold	Mark	0 19 3
France	Gold	Franc	0 19 3
German Empire.	Gold	Mark	0 23 8
Great Britain....	Gold	Pound sterling	4 86 6½
Greece.....	Gold	Drachma	0 19 3
Hayti.....	Gold	Gourde	0 96 5
India (British) ..	Gold	Pound sterling	4 86 6½
Italy	Gold	Lira	0 19 3
Japan	Gold	Yen	0 49 8
Liberia	Gold	Dollar	1 0 0
Mexico	Gold	Peso	0 49 8
Netherlands	Gold	Florin	0 40 2
Newfoundland ..	Gold	Dollar	1 1 4
Norway	Gold	Crown	0 26 8
Panama	Gold	Balboa.....	1 0 0
Persia	Silver	Kran	0 6 9
Peru	Gold	Libra	4 86 6½
Philippine Islds.	Gold	Peso	0 50 0
Portugal	Gold	Milreis	1 8 0
Russia.....	Gold	Ruble.....	0 51 5
Spain.....	Gold	Peseta	0 19 3
Sweden	Gold	Crown	0 26 8
Switzerland	Gold	Franc	0 19 3
Turkey	Gold	Piaster	0 4 4
Uruguay	Gold	Peso.....	1 3 4
Venezuela.....	Gold	Bolivar	0 19 3

RATES OF POSTAGE.

United States and Possessions, Canada, Mexico, Cuba, and Shanghai, China.

First class (letters, etc.)	per oz.	2c
Second class (newspapers, periodicals)	4 "	1c
Third class (books, circulars)	2 "	1c
Fourth class (merchandise, etc.)	1 "	1c
Registration fee (extra postage)		10c
Special delivery (" ")		10c
Postal cards (reply cards 2c.)		1c
Local or drop letters (where no free delivery)	per oz.	1c
Mail for officers or members of the crew of the U. S. Navy, wherever stationed, at domestic rates.		

To Foreign Countries.

Letters for British Isles and Newfoundland	1 oz.,	2c
" for Germany	1 "	2c
(If sent by German steamer)		
" for other countries	1 "	5c
each additional oz. or fraction		
		3c
Postal Cards (reply cards, 4c)		2c
Newspapers and printed matter	2 oz.,	1c
Samples merchandise	first 4 "	2c
"	every additional 2 "	1c
Commercial papers	first 10 oz. or fraction	5c
"	every additional 2 oz.,	1c
Registration Fee (extra postage)		10c
Reply Coupons		6c
Parcel Post (enquire at P. O.)	per lb.	12c
Money Orders (enquire at P. O.)		

REFORWARDING.—Letters will be forwarded from one post office to another upon the *written* request of the *person addressed*, without additional charge; but unclaimed packages *cannot be returned to the sender* until stamps are furnished to pay the return postage.

ALL MAILABLE MATTER not included in the above, so prepared for mailing as to be *easily withdrawn from the wrapper* and examined, is classified as merchandise. Limit of weight 4 lbs. Full prepayment compulsory.

MONEY ORDERS.—For sums not exceeding \$2.50, three cents; \$2.50 to \$5, five cents; \$5 to \$10, eight cents; \$10 to \$20, ten cents; \$20 to \$30, twelve cents; \$30 to \$40, fifteen cents; \$40 to \$50, eighteen cents; \$50 to \$60, twenty cents; \$60 to \$75, twenty five cents; \$75 to \$100, thirty cents.

RATE OF INCOME ON STOCKS.

Purchased at following prices (par value \$100), and
bearing interest at following rates.

Paid.	2%	3%	4%	5%	6%	7%	8%	10%
\$50	4 00	6 00	8 00	10 00	12 00	14 00	16 00	20 00
52½	3 81	5 71	7 62	9 52	11 43	13 33	15 24	19 04
55	3 63	5 45	7 27	9 09	10 91	12 72	14 55	18 18
57½	3 48	5 22	6 96	8 70	10 43	12 17	13 91	17 40
60	3 33	5 00	6 67	8 33	10 00	11 67	13 33	16 66
62½	3 20	4 80	6 40	8 00	9 60	11 20	12 80	16 00
65	3 08	4 62	6 15	7 69	9 23	10 77	12 31	15 38
67½	2 96	4 44	5 93	7 41	8 89	10 37	11 85	14 82
70	2 86	4 29	5 71	7 14	8 57	10 00	11 43	14 28
72½	2 76	4 14	5 52	6 90	8 27	9 65	11 03	13 80
75	2 67	4 00	5 33	6 67	8 00	9 33	10 67	13 35
77½	2 58	3 87	5 16	6 45	7 74	9 03	10 32	12 90
80	2 50	3 75	5 00	6 25	7 50	8 75	10 00	12 50
82½	2 42	3 64	4 85	6 06	7 27	8 48	9 70	12 12
85	2 35	3 53	4 71	5 88	7 06	8 24	9 41	11 76
87½	2 29	3 43	4 57	5 71	6 86	8 00	9 14	11 42
90	2 22	3 33	4 44	5 56	6 67	7 78	8 89	11 11
92½	2 16	3 24	4 32	5 41	6 49	7 57	8 65	10 82
95	2 11	3 16	4 21	5 26	6 32	7 37	8 42	10 52
97½	2 05	3 08	4 10	5 13	6 15	7 18	8 21	10 26
100	2 00	3 00	4 00	5 00	6 00	7 00	8 00	10 00
102	1 96	2 94	3 92	4 90	5 88	6 86	7 84	9 80
104	1 92	2 88	3 85	4 81	5 77	6 73	7 69	9 62
106	1 88	2 83	3 77	4 72	5 66	6 60	7 55	9 44
108	1 85	2 78	3 70	4 63	5 56	6 48	7 41	9 26
110	1 82	2 73	3 64	4 55	5 45	6 36	7 27	9 10
115	1 74	2 61	3 48	4 35	5 22	6 09	6 96	8 69
120	1 67	2 50	3 33	4 17	5 00	5 83	6 67	8 33
125	1 60	2 40	3 20	4 00	4 80	5 60	6 40	8 00
130	1 54	2 31	3 08	3 85	4 62	5 38	6 15	7 70
135	1 48	2 22	2 96	3 70	4 44	5 19	5 93	7 40
140	1 43	2 14	2 86	3 57	4 29	5 00	5 71	7 14
145	1 38	2 07	2 76	3 45	4 14	4 83	5 52	6 90
150	1 33	2 00	2 67	3 33	4 00	4 67	5 33	6 66
155	1 29	1 94	2 58	3 23	3 87	4 52	5 16	6 46
160	1 25	1 87	2 50	3 12	3 75	4 37	5 00	6 25
165	1 21	1 82	2 42	3 03	3 64	4 24	4 85	6 06
170	1 18	1 76	2 35	2 94	3 53	4 12	4 71	5 88
175	1 14	1 71	2 29	2 86	3 43	4 00	4 57	5 72
180	1 11	1 67	2 22	2 78	3 33	3 89	4 44	5 55
185	1 08	1 62	2 16	2 70	3 24	3 78	4 32	5 40
190	1 05	1 58	2 11	2 63	3 16	3 68	4 21	5 26
195	1 03	1 54	2 05	2 56	3 08	3 59	4 10	5 12
200	1 00	1 50	2 00	2 50	3 00	3 50	4 00	5 00

Example. — A 6 per cent. stock selling at 82½ yields
7.27.

Look down 6 per cent. column until opposite 82½.

Yield of a 12 per cent. stock will be double a 6 per
cent. stock at the same price.

POPULATION OF THE UNITED STATES

Estimated by the Bureau of the Census,
Washington, D.C.

	1910	1906
Alabama.....	2,143,993	2,017,877
Arizona.....	157,619	143,745
Arkansas.....	1,494,917	1,421,574
California.....	1,756,708	1,648,049
Colorado.....	666,151	615,570
Connecticut.....	1,070,582	1,005,716
Delaware.....	200,977	194,479
Dist. of Columbia.....	327,044	307,716
Florida.....	696,541	623,230
Georgia.....	2,595,309	2,443,719
Idaho.....	234,996	205,704
Illinois.....	5,816,748	5,418,670
Indiana.....	2,840,520	2,710,898
Iowa.....	2,188,247	2,205,690
Kansas.....	1,728,837	1,612,471
Kentucky.....	2,435,713	2,320,298
Louisiana.....	1,644,662	1,539,449
Maine.....	727,846	714,494
Maryland.....	1,333,698	1,275,434
Massachusetts.....	3,202,014	3,043,346
Michigan.....	2,693,567	2,584,533
Minnesota.....	2,208,430	2,025,615
Mississippi.....	1,812,940	1,708,272
Missouri.....	3,534,145	3,363,153
Montana.....	343,734	303,575
Nebraska.....	1,069,944	1,068,484
Nevada.....	42,335	42,335
New Hampshire.....	446,646	432,624
New Jersey.....	2,404,617	2,196,237
New Mexico.....	230,338	216,328
New York.....	8,865,722	8,226,990
North Carolina.....	2,169,671	2,059,326
North Dakota.....	560,210	463,784
Ohio.....	4,642,761	4,448,677
Oklahoma.....	1,681,514	590,247
Oregon.....	515,540	471,034
Pennsylvania.....	7,346,117	6,928,515
Rhode Island.....	531,608	490,387
South Carolina.....	1,529,483	1,453,818
South Dakota.....	508,800	465,908
Tennessee.....	2,273,714	2,172,476
Texas.....	3,861,893	3,536,618
Utah.....	342,719	316,331
Vermont.....	354,860	350,373
Virginia.....	2,052,388	1,973,104
Washington.....	678,974	614,625
West Virginia.....	1,154,806	1,076,406
Wisconsin.....	2,388,856	2,260,930
Wyoming.....	111,101	103,673
Alaska.....	95,132	82,516
Hawaii.....	218,012	192,407

United States..... 89,933,699 84,206,618

POPULATION OF PRINCIPAL CITIES

Federal Census.

†Estimated by the Bureau of the Census, Washington, D.C.

*1908.

†1905.

†1906

\$1900

Akron, O.	50,738	42,728
Albany, N. Y.	*99,999	94,151
Allegheny, Pa.	145,240	129,896
Allentown, Pa.	41,595	35,416
Altoona, Pa.	47,910	38,973
Atlanta, Ga.	*109,545	89,872
Atlantic City, N. J.	39,544	27,838
Auburn, N. Y.	32,963	30,345
Augusta, Ga.	43,125	39,441
Baltimore, Md.	*568,571	508,957
Bay City, Mich.	40,587	27,628
Bayonne, N. J.	44,170	32,722
Binghamton, N. Y.	43,785	39,647
Birmingham, Ala.	45,869	38,415
Boston, Mass.	*616,072	560,892
Bridgeport, Conn.	84,274	70,996
Brockton, Mass.	49,340	40,063
Buffalo, N. Y.	*391,629	352,387
Butte, Mont.	43,624	30,470
Cambridge, Mass.	*100,752	91,886
Camden, N. J.	84,849	75,935
Canton, O.	38,440	30,667
Cedar Rapids, Ia.	29,380	25,656
Charleston, S. C.	56,317	55,807
Chattanooga, Tenn.	34,297	32,490
Chelsea, Mass.	37,932	34,072
Chester, Pa.	38,002	33,988
Chicago, Ill.	*2,166,055	1,698,575
Cincinnati, O.	*349,316	325,902
Cleveland, O.	*491,401	381,768
Colorado Springs, Col.	29,338	21,085
Columbus, O.	*152,031	125,560
Council Bluffs, Ia.	25,117	25,802
Covington, Ky.	46,436	42,938
Dallas, Tex.	52,793	42,638
Davenport, Ia.	40,706	35,254
Dayton, O.	*106,897	85,333
Denver, Col.	*155,124	133,859
Des Moines, Ia.	78,323	62,139
Detroit, Mich.	*376,174	285,704
Dubuque, Ia.	43,070	36,297
Duluth, Minn.	67,337	52,969
Easton, Pa.	28,317	25,238
East St. Louis, Ill.	40,958	29,655
Elizabeth, N. J.	62,185	52,130
Elmira, N. Y.	35,734	35,672
Erie, Pa.	59,993	52,733
Evansville, Ind.	63,957	59,007
Everett, Mass.	30,066	24,336
Fall River, Mass.	*106,301	104,863
Fitchburg, Mass.	33,319	31,531
Fort Wayne, Ind.	50,947	45,115
Fort Worth, Tex.	27,096	26,688
Galveston, Tex.	34,355	37,789
Gloucester, Mass.	25,989	26,121
Grand Rapids, Mich.	*103,871	87,565

POPULATION OF PRINCIPAL CITIES—CONTINUED.

	†1906	\$1900
Hamilton, O.	27,670	23,914
Harrisburg, Pa.	55,735	50,167
Hartford, Conn.	*101,146	79,850
Haverhill, Mass.	37,961	37,175
Hoboken, N. J.	66,689	59,364
Holyoke, Mass.	50,778	45,712
Houston, Tex.	58,132	44,633
Indianapolis, Ind.	*234,774	169,164
Jackson, Mich.	25,360	25,180
Jacksonville, Fla.	36,675	28,429
Jersey City, N. J.	*248,458	206,433
Johnstown, Pa.	43,250	35,936
Joliet, Ill.	32,185	29,353
Joplin, Mo.	35,671	26,023
Kalamazoo, Mich.	32,472	24,404
Kansas City, Kan.	77,912	51,418
Kansas City, Mo.	*188,582	163,752
Knoxville, Tenn.	36,051	32,637
La Crosse, Wis.	29,115	28,895
Lancaster, Pa.	47,129	41,459
Lawrence, Mass.	71,548	62,559
Lexington, Ky.	29,249	26,369
Lima, O.	27,702	21,723
Lincoln, Neb.	48,232	40,169
Little Rock, Ark.	39,959	38,307
Los Angeles, Cal. ....	.....	102,479
Louisville, Ky.	*233,069	204,731
Lowell, Mass.	*95,141	94,969
Lynn, Mass.	78,748	68,513
Macon, Ga.	32,692	23,272
Malden, Mass.	38,912	33,664
Manchester, N. H.	64,703	56,987
McKeesport, Pa.	43,438	34,227
Memphis, Tenn.	*132,581	102,320
Meriden, Conn.	25,880	24,296
Milwaukee, Wis.	*327,873	285,315
Minneapolis, Minn.	*297,527	202,718
Mobile, Ala.	42,903	38,469
Montgomery, Ala.	40,808	30,346
Nashville, Tenn.	*105,877	80,865
Newark, N. J.	*302,324	246,070
New Bedford, Mass.	76,746	62,442
New Britain, Conn.	33,722	25,998
Newcastle, Pa.	36,847	28,339
New Haven, Conn.	*125,627	108,027
New Orleans, La.	*323,157	287,164
Newport, Ky.	30,329	28,301
Newport News, Va.	28,749	19,635
Newton, Mass.	37,475	33,587
New York, N. Y.	*4,338,322	3,437,202
Niagara Falls, N. Y.	27,827	19,457
Norfolk, Va.	66,931	46,624
Oakland, Cal.	73,812	66,960
Omaha, Neb.	*131,370	102,555
Oshkosh, Wis.	31,033	28,284
Passaic, N. J.	39,799	27,777
Paterson, N. J.	*115,343	105,171
Pawtucket, R. I.	44,211	39,231

POPULATION OF PRINCIPAL CITIES—CONTINUED.

	†1906	\$1900
Peoria, Ill.....	66,365	56,100
Philadelphia, Pa.....	*1,491,082	1,293,697
Pittsburg, Pa.....	*547,523	321,616
Portland, Me.....	55,167	50,145
Portland, Ore.....	*116,630	90,426
Providence, R. I.....	*212,457	175,597
Pueblo, Col.....	30,824	28,157
Quincy, Ill.....	39,108	36,252
Quincy, Mass.....	28,911	23,899
Racine, Wis.....	32,928	29,102
Reading, Pa.....	*95,201	78,961
Richmond, Va.....	*107,844	85,050
Rochester, N. Y.....	*193,111	162,608
Rockford, Ill.....	36,051	31,051
Saginaw, Mich.....	48,742	42,345
Saint Joseph, Mo.....	*123,004	102,979
Saint Louis, Mo.....	*674,012	575,238
Saint Paul, Minn.....	*217,397	163,065
Salem, Mass.....	37,961	35,956
Salt Lake City, Utah.....	61,202	53,531
San Antonio, Tex.....	62,711	53,321
San Francisco, Cal.....	.....	342,782
Savannah, Ga.....	68,596	54,244
Schenectady, N. Y.....	61,919	31,682
Scranton, Pa.....	*123,959	102,026
Seattle, Wash.....	104,169	80,671
Sioux City, Ia.....	42,520	33,111
Somerville, Mass.....	70,798	61,643
South Bend, Ind.....	44,605	35,999
South Omaha, Neb.....	36,765	26,001
Spokane, Wash.....	47,006	36,848
Springfield, Ill.....	38,933	34,159
Springfield, Mass.....	75,836	62,059
Springfield, O.....	42,069	38,253
Superior, Wis.....	*42,000	†36,551
Syracuse, N. Y.....	*123,607	108,374
Tacoma, Wash.....	55,392	37,714
Taunton, Mass.....	30,953	31,036
Terre Haute, Ind.....	52,805	36,673
Toledo, O.....	*169,366	131,822
Topeka, Kan.....	41,886	33,608
Trenton, N. J.....	*90,703	73,307
Troy, N. Y.....	76,513	60,651
Utica, N. Y.....	65,099	56,383
Waltham, Mass.....	26,842	23,481
Washington, D. C.....	*317,380	278,718
Waterbury, Conn.....	61,903	51,139
West Hoboken, N. J.....	30,280	23,094
Wheeling, W. Va.....	41,494	38,878
Wichita, Kan.....	35,541	24,671
Wilkesbarre, Pa.....	60,121	51,721
Williamsport, Pa.....	29,735	28,757
Wilmington, Del.....	85,140	76,508
Woonsocket, R. I.....	32,994	28,204
Worcester, Mass.....	*133,963	118,421
Yonkers, N. Y.....	64,110	47,931
York, Pa.....	39,168	33,708
Youngstown, O.....	52,710	44,885

INTEREST LAWS OF ALL THE STATES.

AND DAYS OF GRACE.

STATES AND TERRITORIES.	DAYS OF GRACE.		RATES OF INTEREST.		PENALTY OF USURY.
	Notes.	Sight Drafts.	Legal.	SPECIAL OR CONTRACT.	
Alabama	No	No	8	8 per ct.	Forft. of all int
Alaska	Yes	No	8	12 per ct.	.....
Arizona	No	No	6	No limit.	None
Arkansas	Yes	Yes	6	10 per ct.	Forft. prin. & int. ..
California	No	No	7	No limit.	None
Colorado	No	No	8	No limit.	None
Connecticut	No	No	6	No limit.	None
Delaware	Yes	No	6	6 per ct.	Forft. principal.....
District of Col. ..	No	No	6	6 per ct.	Forft. of entire int..
Florida	No	No	8	10 per ct.	Forft. of entire int..
Georgia	Yes	No	7	8 per ct.	Forft. excess of int. .
Hawaiian Isl'ds ..	No	No	8	.....	.....
Idaho	No	No	7	12 per ct.	Fft.int.& 10 p.c.prin.
Illinois	No	No	5	7 per ct.	Forft. of entire int. .
Indiana	No	No	6	8 per ct.	Forft int. over 6 p.c.
Iowa	No	No	6	8 per ct.	Fft. int., costs, etc. .
Kansas	No	No	6	10 per ct.	Fft twice ex. overlope
Kentucky	No	No	6	6 per ct.	Forft. excess of int. .
Louisiana	No	No	5	8 per ct.	Forft. of interest ...
Maine	No	Yes	6	No limit.	None
Maryland	No	No	6	6 per ct.	Forft. entire interest
Massachusetts ..	No	Yes	6	No limit.	None
Michigan	No	No	5	7 per ct.	Forft. of interest ...
Minnesota	No	Yes	6	10 per ct.	Forft. of prin. & int.
Mississippi	Yes	Yes	6	10 per ct.	Forft. of interest ...
Missouri	No	No	6	8 per ct.	Forfeiture 10 per ct.
Montana	No	No	8	No limit.	None
Nebraska	No	No	7	10 per ct.	Forft. entire interest
Nevada	Yes	No	7	No limit.	None
New Hampshire ..	No	Yes	6	6 per ct.	Fft. treble exe. of int.
New Jersey	No	No	6	6 per ct.	Forft. int. & costs ..
New Mexico ...	Yes	Yes	6	12 per ct.	Fft. dbl. amt of int. .
New York	No	No	6	6 per ct.	Forft. of prin. & int.
North Carolina ..	No	No	6	6 per ct.	Fft. dbl. amt. of int.
North Dakota ..	No	No	7	12 per ct.	Forft. excess of int. .
Ohio	No	No	6	8 per ct.	Forft. excess of int. .
Oklahoma	Yes	Yes	6	No limit.	.....
Oregon	No	No	6	10 per ct.	Forft. prin. & int. ...
Pennsylvania ..	No	No	6	6 per ct.	Forft. excess of int. ,
Philippine Isl's ..	No	No	6	No limit.	.....
Porto Rico	No	No	6	12 per ct.	.....
Rhode Island ..	No	Yes	6	No limit.	None
South Carolina ..	Yes	Yes	7	8 per ct.	Forft. of interest
South Dakota ..	Yes	Yes	7	12 per ct.	Fft. int., fine, imp't..
Tennessee	No	No	6	6 per ct.	Forft. excess of int. .
Texas	Yes	Yes	6	10 per ct.	Forft. entire interest
Utah	No	No	8	No limit.	None
Vermont	No	No	6	6 per ct.	Forfeiture of excess
Virginia	No	No	6	6 per ct.	Forft. entire interest
Washington	No	No	6	12 per ct.	Dbl. amt. int. & costs
West Virginia ..	No	No	6	6 per ct.	Forft. of excess int. .
Wisconsin	No	No	6	10 per ct.	Fft. treble amt. ex. int
Wyoming	No	No	8	12 per ct.	Forft. entire interest

TABLE FOR MEASUREMENT OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several states of the Union.

STATES.	Barley.	Buckwheat.	Coal.	Corn, shelled.	Corn Meal.	Onions.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover S'd.	Timothy.
Maine.....	48	48	..	56	50	52	30	60	..	60	..	50	64	..	..
N. Hampshire ..	..	..	..	56	50	..	30	60	56	60	..	..	60	..	..
Vermont.....	48	48	..	..	..	..	32	60	56	60	70	..	64	60	42
Massachusetts.	48	48	..	56	50	52	32	60	56	60	..	..	..	..	..
Connecticut...	..	45	..	56	..	..	32	60	56	56	..	..	..	..	..
New York.....	48	48	..	58	..	..	32	60	56	60	..	..	62	60	44
New Jersey...	48	50	..	56	..	..	30	60	56	60	..	..	..	64	..
Pennsylvania .	47	48	..	56	..	..	30	56	56	60	85	..	..	62	..
Delaware.....	..	..	..	56	..	..	..	..	..	60	..	..	..	..	..
Maryland.....	48	48	..	56	..	57	32	60	56	60	56	..	62	64	45
Dist. Columbia	47	48	..	56	48	57	32	56	56	60	50	55	62	60	45
Virginia	48	48	..	56	50	..	32	60	56	60	..	56	60	64	45
West Virginia.	48	52	80	56	48	..	32	60	56	60	..	60	60	60	45
North Carolina	48	50	..	54	46	..	30	..	56	60	..	..	..	64	..
South Carolina	48	56	80	56	50	57	33	60	56	60	50	..	60	60	..
Georgia	40	..	80	56	48	57	35	56	..	60	56	..	..	60	45
Louisiana.....	32	..	..	56	..	..	32	..	..	60	..	..	..	..	..
Arkansas.....	48	52	80	56	50	57	32	60	56	60	50	..	60	60	45
Tennessee.....	48	50	..	56	50	56	32	60	56	60	..	..	60	..	45
Kentucky.....	48	52	..	56	50	57	33	56	56	60	50	..	60	60	45
Ohio	48	50	..	56	..	..	32	60	56	60	..	..	60	60	45
Michigan.....	48	48	80	56	..	54	32	60	56	60	56	58	60	60	45
Indiana.....	48	50	70	56	50	48	32	60	56	60	50	..	60	60	..
Illinois.....	48	52	..	56	48	57	32	60	56	60	50	..	60	60	..
Wisconsin.....	48	50	..	56	..	..	32	60	56	60	..	..	..	60	..
Minnesota.....	48	42	..	56	..	..	32	60	56	60	..	..	..	60	..
Iowa.....	48	52	..	56	..	57	33	60	56	60	50	..	60	60	45
Missouri.....	48	52	..	56	..	57	32	60	56	60	50	..	60	60	45
Kansas.....	50	50	..	56	50	57	32	60	56	60	50	55	60	..	45
Nebraska.....	48	52	..	56	50	57	34	60	56	60	50	55	60	60	45
California.....	50	40	..	52	..	..	32	..	54	60	..	..	..	..	..
Oregon.....	46	42	..	56	..	..	36	60	56	60	..	..	..	60	..

HELP! In case of Accidents.

Drowning. 1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach and lifting by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back (so as to close entrance to stomach) direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. **DON'T GIVE UP!** People have been saved after **HOURS** of patient, vigorous effort. 8. When breathing begins get patient into a warm bed, give **WARM** drinks, or spirits in teaspoonfuls, fresh air and quiet.

Burns and Scalds. Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive or linseed oil, plain or mixed with chalk or whiting.

Lightning. Dash cold water over a person struck.

Sunstroke. Loosen clothing. Get patient into shade and apply ice-cold water to head.

Fad Dog or Snake Bite. Tie cord tight above the wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

Venomous Insects' Stings, etc. Apply weak ammonia, oil, salt water or iodine.

Fainting. Place flat on back; allow fresh air and sprinkle with water.

Electricity. Release from current—not touching body or wire with hands, metal or a wet stick. Handle body by its clothing, with rubber gloves and shoes if possible; if not, cover hands with dry woolen cloth and stand on dry boards. Then induce artificial respiration as in a case of drowning. Rub limbs and massage body.

Fire in One's Clothing. *Don't run*—especially not down stairs or out of doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down so as not to inhale flame.

Fire in a Building. Crawl on the floor. The clearest air is the lowest in the room. Cover head with a woolen wrap, wet if possible. Cut holes for the eyes. **Don't get excited.**

Fire in Kerosene. *Don't use water*, it will spread the flames. Dirt, sand or flour is the best extinguisher, or smother with woolen rug, table-cloth or carpet.

ANTIDOTES FOR POISONS.

First. Send for a Physician.

Second. INDUCE VOMITING, by tickling throat with feather or finger, drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

Acids are antidotes for ALKALIES, and *vice versa*.

SPECIAL POISONS AND ANTIDOTES

Acids. MURIATIC. ONALIC. } Soap-suds, Mag-
ACETIC. SULPHURIC (Oil of Vit- } nesia, Lime-water.
riol). NITRIC (Aqua Fortis).

Prussic Acid. Ammonia in water. Dash water in face.

Carbolic Acid. Flour and water, mucilaginous driaks.

Alkalies. POTASH. LYE. } Vinegar or Lemon juice in
HARTSHORN. AMMONIA. } water.

Arsenic. }
Rat Poison. } Milk, raw Eggs, Sweet Oil, Lime-
Paris Green. } water, Flour and water.

Bug Poison. }
Lead. }
Saltpetre. } Whites of Eggs, or Milk
Corrosive Sublimate. } in large doses.
Sugar of Lead. }
Blue Vitriol. }

Chloroform. } Dash cold water on head and chest.
Chloral. } Artificial respiration. Piece of ice
Ether. } in rectum.

Carbonate of Soda. } Soap-suds and mucilaginous
Copperas. Cobalt. } drinks.

Iodine. }
Antimony. } Starch and water. Astringent in-
Tartar Emetic. } fusions. Strong tea.

Mercury AND ITS SALTS. } Whites of Eggs. Milk.
Mucilages.

Nitrate of Silver. }
Lunar Caustic. } Salt and water.

Opium. }
Morphine. } Strong coffee, hot bath. Keep
Laudanum. } awake and moving at any
Paregoric. } cost.
Soothing Powders }
or Syrups. }

Strychnine. } Mustard and water, Sul-
Tinct. of Nux Vomica. } phate of Zinc. Absolute
quiet. Plug the ears.

WEATHER SIGNALS.

U. S. DEPARTMENT OF AGRICULTURE.

INTERPRETATION OF SIGNALS.

No. 1.	No. 2.	No. 3.	No. 4.	No. 5.
White Flag	Blue Flag	White & Blue Flag	Bl'k Triangular Flag	White Flag Bl'k Center
				
Clear or Fair.	Rain or Snow.	Local Rain or Snow.	Temperature.	Cold Wave.

No. 1, alone, indicates fair weather, stationary temperature.

No. 2, alone, indicates rain or snow, stationary temperature.

No. 3, alone, indicates local rain or snow, stationary temperature.

No. 1, with No. 4 above it, indicates fair weather, warmer.

No. 1, with No. 4 below it, indicates fair weather, colder.

No. 2, with No. 4 above it, indicates rain or snow, warmer.

No. 2, with No. 4 below it, indicates rain or snow, colder.

No. 3, with No. 4 above it, indicates local rain or snow, warmer.

No. 3, with No. 4 below it, indicates local rain or snow, colder.

DISPLAY EXAMPLES.



PRESIDENTS OF THE UNITED STATES.

	NAMES	Born	Inaugurated	Term of Office	Died	Native of	Residence when elected	Political Party.
1	GEORGE WASHINGTON.....	Feb. 22, 1732	April 30, 1789	4 years	Dec. 14, 1799	Virginia.	Virginia.	Federal.
2	JOHN ADAMS.....	Oct. 31, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.	Mass.	"
3	THOMAS JEFFERSON.....	April 2, 1743	" 4, 1801	8 "	" 4, 1826	Virginia.	Virginia.	Republican.
4	JAMES MADISON.....	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1836	"	"	"
5	JAMES MONROE.....	April 28, 1758	" 4, 1817	8 "	July 4, 1831	Mass.	Mass.	Coalition.
6	JOHN QUINCY ADAMS.....	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	S. Carolina.	Tennessee.	Democrat.
7	ANDREW JACKSON.....	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	New York.	New York	"
8	MARTIN VAN BUREN.....	Dec. 5, 1782	" 4, 1837	4 "	July 24, 1862	Virginia.	Ohio.	Whig.
9	WM. H. HARRISON.....	Feb. 9, 1773	" 4, 1841	1 month	April 4, 1841	"	Virginia.	"
10	JOHN TYLER.....	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	N. Carolina.	Tennessee.	Democrat.
11	JAMES K. POLK.....	Nov. 2, 1795	Mar. 4, 1845	4 yrs.	June 15, 1849	Virginia.	Louisiana.	Whig.
12	ZACHARY TAYLOR.....	Sept. 24, 1784	" 4, 1849	1 year 4 mos.	July 9, 1850	New York.	New York.	"
13	MILLARD FILLMORE.....	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	N. Hamp.	N. Hamp.	Democrat.
14	FRANKLIN PIERCE.....	Nov. 23, 1804	Mar. 4, 1853	4 years	Oct. 8, 1869	Penn.	Penn.	"
15	JAMES BUCHANAN.....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Kentucky.	Illinois.	Republican.
16	ABRAHAM LINCOLN.....	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days	April 15, 1865	N. Carolina.	Tennessee.	"
17	ANDREW JOHNSON.....	Dec. 29, 1808	April 15, 1865	3 yrs. 10 ½ mos.	July 31, 1875	Ohio.	Illinois.	"
18	ULYSSES S. GRANT.....	April 27, 1822	Mar. 4, 1869	8 years	July 23, 1885	"	Ohio.	"
19	RUTHERFORD B. HAYES.....	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"	"	"
20	JAMES A. GARFIELD.....	Nov. 19, 1831	" 4, 1881	6 ½ months	Sept. 19, 1881	Vermont.	New York.	"
21	CHESTER A. ARTHUR.....	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5 ½ mos.	Nov. 18, 1886	New Jersey.	Indiana.	Democrat.
22	GROVER CLEVELAND.....	Mar. 18, 1837	Mar. 4, 1885	4 years	June 24, 1908	Ohio.	New York.	Republican.
23	BENJAMIN HARRISON.....	Aug. 20, 1833	" 4, 1889	4 "	Mar. 13, 1901	New Jersey.	Ohio.	"
24	GROVER CLEVELAND.....	Mar. 18, 1837	" 4, 1893	4 "	June 24, 1908	Ohio.	New York.	Republican.
25	WILLIAM MCKINLEY.....	Jan. 27, 1843	" 4, 1897	4 yrs. 6 ½ mos.	Sept. 14, 1901	New York.	New York.	"
26	THEODORE ROOSEVELT.....	Oct. 27, 1858	Sept. 14, 1901	7 yrs. 5 ½ mos.	"	Ohio.	Ohio.	"
27	WILLIAM HOWARD TAFT.....	Sept. 15, 1857	Mar. 4, 1909	"	"	"	"	"

LEGAL HOLIDAYS.

***In most States when the holiday falls on Sunday
the Monday following is observed.***

Legal Holidays in some States are observed as such only by common consent, or when appointed by the Governor, and not by legislative enactment.

- ALABAMA**—Jan. 1 and 19, Feb. 22, Mardi-Gras, Good Friday, April 13 and 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.
- ALASKA**—Jan. 1, Feb. 22, July 4, Thanksgiving, Dec. 25.
- ARIZONA**—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, election day, Thanksgiving, Dec. 25.
- ARKANSAS**—Jan. 1 and 19, Feb. 22, July 4, Labor Day, Thanksgiving, Dec. 25.
- CALIFORNIA**—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Sept. 9, Thanksgiving, Dec. 25, general election.
- COLORADO**—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Aug. 1, 1st Mon. in Sept., Thanksgiving, Dec. 25, general election.
- CONNECTICUT**—Jan. 1, Feb. 12 and 22, Fast Day, May 30, July 4, Labor Day, Thanksgiving, Dec. 25.
- DELAWARE**—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25, election day.
- DISTRICT OF COLUMBIA**—Jan. 1, Feb. 22, Inauguration Day, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25.
- FLORIDA**—Jan. 1 and 19, Arbor Day, Feb. 22, Good Friday, April 26, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.
- GEORGIA**—Jan. 1 and 19, Feb. 22, April 26, June 3, July 4, 1st Monday in Sept., any Thanksgiving, 1st Friday in December, Dec. 25.
- HAWAII**—Jan. 1, Feb. 22, May 30, June 11, July 4, Labor Day, Regatta Day, Thanksgiving, Dec. 25.
- IDAHO**—Jan. 1, Feb. 22, Arbor Day, July 4, Labor Day, any day of Thanksgiving, Dec. 25, general election.
- ILLINOIS**—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, elec. days.
- INDIANA**—Jan. 1, Feb. 12 and 22, public fast, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.
- IOWA**—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.
- KANSAS**—Jan. 1, Feb. 22, May 30, public fast, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.
- KENTUCKY**—Jan. 1, Feb. 22, May 30, July 4, public fast, Labor Day, Thanksgiving, Dec. 25, gen. election.
- LOUISIANA**—Jan. 1 and 8, Feb. 22, Mardi-Gras in New Orleans, Good Friday, June 3, July 4, All Saints Day, Thanksgiving, Dec. 25, general election.
- MAINE**—Jan. 1, Feb. 22, Arbor Day, May 30, Patriots' Day, July 4, 1st Monday in September, Thanksgiving, Dec. 25.
- MARYLAND**—Jan. 1, Feb. 22, Arbor Day, Good Friday, May 30, July 4, 1st Monday in September, Sept. 12, Thanksgiving, Dec. 25, general election.
- MASSACHUSETTS**—Feb. 22, April 19, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25.
- MICHIGAN**—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, Dec. 25, Fasting and Thanksgiving Day, election days.
- MINNESOTA**—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, Arbor Day, general election.

MISSISSIPPI—Jan. 1, Feb. 22, April 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.
MISSOURI—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, election days.
MONTANA—Jan. 1, Feb. 22, Arbor Day, May 30, public fast, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.
NEBRASKA—Jan. 1, Feb. 22, April 22, May 30, July 4, 1st Mon. in Sept., public fast, Thanksgiving, Dec. 25.
NEVADA—Jan. 1, Feb. 22, May 30, July 4, Thanksgiving, Dec. 25, general election.
NEW HAMPSHIRE—Feb. 22, Fast Day, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.
NEW JERSEY—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, every Saturday P.M., general election.
NEW MEXICO—Jan. 1, July 4, Thanksgiving, Dec. 25.
NEW YORK—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election, every Saturday P.M.
NORTH CAROLINA—Jan. 1 and 19, Feb. 22, May 10 and 20, July 4, Labor Day, Thanksgiving, Dec. 25, general election.
NORTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, July 4, Arbor Day, Thanksgiving, public fast, Dec. 25, general election.
OHIO—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.
OKLAHOMA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, election day.
OREGON—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, public fast, Thanksgiving, Dec. 25, general election.
PENNSYLVANIA—Jan. 1, Feb. 12, spring election, Feb. 22, Good Friday, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election, every Saturday P.M.
RHODE ISLAND—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, State election, general election, Flag Day.
SOUTH CAROLINA—Jan. 1 and 19, Feb. 22, May 10, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.
SOUTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25, general election.
TENNESSEE—Jan. 1, Feb. 22, Good Friday, 2d Friday in May, May 30, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, gen. election, every Sat. P. M.
TEXAS—Jan. 1, Feb. 22, March 2, April 21, June 3, July 4, 1st Monday in September, Dec. 25, days of Fasting and Thanksgiving, election day.
UTAH—Jan. 1, Feb. 22, April 15, May 30, July 4, July 24, 1st Monday in September, Thanksgiving, Dec. 25.
VERMONT—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Aug. 16, Labor Day, Thanksgiving, Dec. 25.
VIRGINIA—Jan. 1 and 19, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, every Saturday P.M.
WASHINGTON—Jan. 1, Feb. 12 and 22, Decoration Day, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.
WEST VIRGINIA—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Dec. 25, any day of National Thanksgiving, general election.
WISCONSIN—Jan. 1, Feb. 22, May 30, Arbor Day, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.
WYOMING—Jan. 1, Feb. 12 and 22, May 30, July 4, Arbor Day, Labor Day, Thanksgiving, Dec. 25, gen. election.

STANDARD TIME.

IN this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in STANDARD TIME.

To change to STANDARD TIME add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Standard Time Divisions as adopted by the Railroads.

EASTERN STANDARD—75th Meridian. Canada, between Quebec and Detroit,—U. S. east of Buffalo, N. Y.; Pittsburg, Pa.; Wheeling and Huntington, W. Va.; Bristol, Tenn.; Charlotte, N. C., and Augusta, Ga.

CENTRAL STANDARD—90th Meridian. West from "Eastern" limits, as above, to Broadview, Canada; to the Missouri River in Dakota; North Platte and McCook, Nebraska; Wallace and Dodge City, Kansas; Toyah and Sanderson, Texas.

MOUNTAIN STANDARD—105th Meridian. West from "Central" limits to Heron, Montana; Ogden, Utah; Needles and Yuma, Arizona.

PACIFIC STANDARD—120th Meridian. West from "Mountain" limits to coast.

Correction for the following Cities.

Eastern Standard.		Central Standard.	
75° Longitude.		90° Longitude.	
	Minutes.		Minutes.
Bangor, Me.....	— 25	Cleveland, Ohio.....	— 33
Augusta, Me.....	— 21	Columbus, Ohio.....	— 28
Portland, Me.....	— 19	Detroit, Mich.....	— 28
Boston, Mass.....	— 16	Toledo, Ohio.....	— 26
Newport, R. I.....	— 15	Dayton, Ohio.....	— 23
Providence, R. I.....	— 14	Cincinnati, Ohio.....	— 22
Concord, N. H.....	— 14	Louisville, Ky.....	— 18
New London, Conn..	— 11	Indianapolis, Ind.....	— 16
Springfield, Mass....	— 10	Chicago, Ill.....	— 10
Montpelier, Vt.....	— 10	Milwaukee, Wis.....	— 8
Hartford, Conn.....	— 9	Springfield, Ill.....	— 2
Montreal, P. Q.....	— 6	Memphis, Tenn.....	0
Albany, N. Y.....	— 5	New Orleans, La.....	0
New York, N. Y.....	— 4	St. Louis, Mo.....	+ 1
Utica, N. Y.....	+ 1	Rock Island, Ill.....	+ 3
Philadelphia, Pa.....	+ 1	Dubuque, Iowa.....	+ 13
Syracuse, N. Y.....	+ 5	Burlington, Iowa.....	+ 5
Baltimore, Md.....	+ 6	St. Paul, Minn.....	+ 12
Washington, D. C....	+ 8	Des Moines, Iowa....	+ 14
Rochester, N. Y.....	+ 11	Kansas City, Mo.....	+ 18
Buffalo, N. Y.....	+ 16	Galveston, Texas.....	+ 19
Pittsburg, Pa.....	+ 20	Omaha, Neb.....	+ 24
Mountain Standard.		Pacific Standard.	
105° Longitude.		120° Longitude.	
Denver, Col.....	0	Sacramento, Cal.....	+ 6
Salt Lake City, Utah.	+ 28	San Francisco, Cal...	+ 10

TIDE TABLE.

To Find High Water (Standard Time) Add to, or Subtract from, High Water at New York.

EASTERN STANDARD.			Mean
	H.	M.	Range. Feet.
Eastport, Me.....	add	2 37	18.2
Bar Harbor, Me.....	"	2 31	10.5
Rockland, Me.....	"	2 44	9.7
Portland, Me.....	"	2 52	8.9
Portsmouth, N. H.....	"	3 6	9.2
Isle of Shoals, N. H.....	"	3 1	8.7
Newburyport, Mass.....	"	3 6	7.9
Rockport, Mass.....	"	2 39	8.6
Gloucester, Mass.....	"	2 45	8.9
Salem, Mass.....	"	3 0	9.0
Marblehead, Mass.....	"	2 52	9.2
Nahant, Mass.....	"	2 53	9.3
Hull, Mass.....	"	2 53	9.5
Plymouth, Mass.....	"	3 2	9.6
Provincetown, Mass.....	"	3 10	9.2
Nantucket, Mass.....	"	4 9	3.1
Vineyard Haven, Mass.....	"	3 25	1.7
Wood's Hole, North Side, Mass.....	sub.	0 18	4.1
Wood's Hole, South Side, Mass.....	add	0 19	1.7
New Bedford Entrance (Dumpling Rock), Mass.).....	sub.	0 17	3.8
Newport, R. I.....	"	0 31	3.5
Bristol, R. I.....	"	0 13	4.1
Providence, R. I.....	"	0 2	4.4
Point Judith, R. I.....	"	0 42	3.1
New Shoreham, Block Island, R. I....	"	0 41	3.0
New London, Conn.	add	1 14	2.5
Norwich, Conn.....	"	1 55	3.1
New Haven, Conn.....	"	3 0	6.0
Montauk Point, L. I.....	"	0 7	2.0
Coney Island, L. I.....	sub.	0 29	4.7
West Point, N. Y.....	add	3 2	2.8
Long Branch, N. J.	sub.	0 43	4.3
Cape May Landing, N. J.....	"	0 10	4.6
League Island, Pa.....	add	5 26	5.4
Philadelphia, Penn.....	"	5 56	5.3
Annapolis, Md.....	sub.	3 12	0.9
Baltimore, Md.....	"	1 20	1.2
Richmond, Va.....	"	3 32	3.7
Hatteras Inlet, N. C.....	"	0 53	2.0
Charleston (C. H. Wharf), S. C.	"	0 15	5.2
CENTRAL STANDARD.			
Fort Pulaski (Savannah Ent.), Ga....	sub.	1 18	6.9
Savannah (Dry Dock Wharf), Ga.	"	0 23	6.5
Jacksonville, Fla.....	add	0 19	1.0
St. Augustine, Fla.....	sub.	0 14	4.2
Key West, Fla.....	add	0 47	1.2
Tampa Bay (Egmont Key), Fla.....	"	3 3	1.4
Cedar Keys (Depot Key), Fla.....	"	4 39	2.4

HIGH TIDE.

(STANDARD TIME.)

Day of Mo.	JANUARY.		FEBRUARY.		MARCH.	
	BOST. TIDE.	N. Y. TIDE.	BOST. TIDE.	N. Y. TIDE.	BOST. TIDE.	N. Y. TIDE.
	Morning.	Morning.	Morning.	Morning.	Morning.	Morning.
1	11 49	8 45	0 33	9 52	11 47	8 43
2	0 11	9 32	1 15	10 30	0 6	9 25
3	0 55	10 14	1 55	11 10	0 47	10 4
4	1 39	10 55	2 37	11 55	1 27	10 44
5	2 22	11 39	3 21	0 19	2 11	11 29
6	3 5	0 2	4 11	1 10	2 58	.....
7	3 50	0 49	5 10	2 8	3 52	0 51
8	4 40	1 39	6 17	3 15	4 58	1 56
9	5 37	2 35	7 30	4 27	6 11	3 9
10	6 38	3 35	8 41	5 39	7 27	4 23
11	7 43	4 40	9 46	6 44	8 35	5 32
12	8 50	5 47	10 43	7 38	9 33	6 31
13	9 53	6 51	11 30	8 25	10 23	7 20
14	10 54	7 49	.....	9 12	11 6	7 59
15	11 48	8 45	0 34	9 52	11 43	8 39
16	0 13	9 36	1 14	10 28	0 2	9 18
17	1 2	10 21	1 52	11 5	0 38	9 54
18	1 47	11 3	2 30	11 46	1 15	10 29
19	2 30	11 47	3 9	0 7	1 53	11 6
20	3 10	0 8	3 52	0 51	2 33	11 51
21	3 53	0 51	4 42	1 41	3 16	0 15
22	4 38	1 37	5 38	2 36	4 6	1 5
23	5 27	2 25	6 38	3 36	5 4	2 2
24	6 19	3 17	7 39	4 36	6 6	3 4
25	7 15	4 12	8 38	5 35	7 10	4 6
26	8 11	5 8	9 32	6 31	8 9	5 6
27	9 5	6 3	10 23	7 19	9 3	6 1
28	9 57	6 55	11 7	8 1	9 52	6 49
29	10 46	7 41	.....	.....	10 37	7 32
30	11 30	8 25	.....	.....	11 18	8 12
31	.....	9 10	.....	.....	11 58	8 55

HIGH TIDE.

(STANDARD TIME.)

Day of Mo.	APRIL.		MAY.		JUNE.	
	BOST. TIDE.	N. Y. TIDE.	BOST. TIDE.	N. Y. TIDE.	BOST. TIDE.	N. Y. TIDE.
	Morning.	Morning.	Morning.	Morning.	Morning.	Morning.
1	0 19	9 39	0 47	10 11	2 33	11 57
2	1 4	10 24	1 43	11 6	3 28	0 26
3	1 52	11 13	2 40	.....	4 24	1 23
4	2 46	.....	3 42	0 41	5 20	2 18
5	3 46	0 45	4 46	1 45	6 13	3 11
6	4 56	1 54	5 52	2 50	7 4	4 1
7	6 8	3 6	6 52	3 49	7 52	4 49
8	7 17	4 14	7 46	4 43	8 39	5 37
9	8 18	5 14	8 35	5 32	9 24	6 22
10	9 9	6 7	9 18	6 16	10 8	7 5
11	9 54	6 52	9 59	6 57	10 52	7 46
12	10 35	7 31	10 39	7 34	11 33	8 28
13	11 12	8 5	11 16	8 10	.....	9 14
14	11 46	8 43	11 54	8 52	0 38	9 58
15	0 3	9 21	0 14	9 34	1 22	10 39
16	0 42	9 59	0 57	10 16	2 6	11 23
17	1 22	10 38	1 42	10 59	2 49	.....
18	2 5	11 21	2 28	11 48	3 34	0 32
19	2 50	.....	3 15	0 13	4 21	1 20
20	3 39	0 38	4 6	1 5	5 12	2 11
21	4 35	1 34	4 59	1 58	6 7	3 4
22	5 34	2 32	5 54	2 52	7 4	4 1
23	6 34	3 32	6 50	3 47	8 4	5 0
24	7 33	4 29	7 44	4 41	9 4	6 2
25	8 26	5 23	8 37	5 34	10 6	7 3
26	9 15	6 13	9 30	6 28	11 5	8 0
27	10 3	7 0	10 23	7 20	.....	9 0
28	10 49	7 42	11 15	8 11	0 30	9 55
29	11 33	8 28	.....	9 7	1 24	10 45
30	.....	9 19	0 38	10 4	2 15	11 35
31	.....	.....	1 35	10 59	.....	.....

HIGH TIDE.

(STANDARD TIME.)

Day of Mo.	JULY.		AUGUST.		SEPTEMBER.	
	BOST. TIDE.	N. Y. TIDE.	BOST. TIDE.	N. Y. TIDE.	BOST. TIDE.	N. Y. TIDE.
	Morning.	Morning.	Morning.	Morning.	Morning.	Morning.
1	3 3	0 0	3 52	0 51	4 53	1 52
2	3 49	0 48	4 40	1 39	5 53	2 51
3	4 36	1 35	5 33	2 31	6 57	3 54
4	5 27	2 25	6 29	3 26	7 57	4 53
5	6 17	3 15	7 27	4 23	8 53	5 50
6	7 9	4 6	8 26	5 22	9 43	6 41
7	8 1	4 58	9 19	6 17	10 29	7 25
8	8 52	5 49	10 10	7 7	11 9	8 3
9	9 42	6 40	10 55	7 49	11 45	8 42
10	10 31	7 27	11 35	8 31	0 4	9 22
11	11 16	8 10	.....	9 13	0 42	10 0
12	11 58	8 56	0 34	9 51	1 23	10 39
13	0 19	9 38	1 12	10 28	2 6	11 25
14	1 1	10 18	1 51	11 5	2 55	.....
15	1 41	10 55	2 31	11 49	3 52	0 51
16	2 21	11 37	3 15	0 13	4 59	1 58
17	3 1	.....	4 5	1 4	6 15	3 13
18	3 45	0 44	5 6	2 5	7 30	4 26
19	4 34	1 33	6 18	3 15	8 37	5 34
20	5 30	2 28	7 33	4 30	9 33	6 32
21	6 33	3 31	8 45	5 43	10 23	7 19
22	7 41	4 37	9 50	6 48	11 5	7 59
23	8 51	5 48	10 45	7 40	11 43	8 39
24	9 58	6 56	11 32	8 27	0 1	9 18
25	10 59	7 54	.....	9 11	0 39	9 56
26	11 51	8 47	0 33	9 52	1 17	10 33
27	0 16	9 38	1 14	10 29	1 58	11 14
28	1 3	10 22	1 52	11 7	2 41	.....
29	1 47	11 3	2 32	11 49	3 29	0 27
30	2 29	11 45	3 13	0 11	4 23	1 22
31	3 9	0 7	4 0	0 59	.....	.....

HIGH TIDE.

(STANDARD TIME.)

Day of Mo.	OCTOBER.		NOVEMBER.		DECEMBER.	
	BOST. TIDE.	N. Y. TIDE.	BOST. TIDE.	N. Y. TIDE.	BOST. TIDE.	N. Y. TIDE.
	Morning.	Morning.	Morning.	Morning.	Morning.	Morning.
1	5 22	2 20	6 42	3 39	6 47	3 44
2	6 24	3 21	7 36	4 32	7 41	4 37
3	7 24	4 21	8 27	5 23	8 34	5 31
4	8 20	5 16	9 13	6 11	9 28	6 26
5	9 8	6 6	10 0	6 58	10 23	7 20
6	9 53	6 51	10 46	7 41	11 17	8 11
7	10 36	7 32	11 32	8 27	.....	9 12
8	11 16	8 10	.....	9 21	0 42	10 9
9	11 55	8 53	0 50	10 14	1 41	11 3
10	0 17	9 37	1 46	11 10	2 36	.....
11	1 2	10 23	2 45	.....	3 30	0 28
12	1 52	11 13	3 45	0 43	4 22	1 21
13	2 47	.....	4 48	1 47	5 16	2 14
14	3 49	0 48	5 51	2 49	6 9	3 7
15	4 58	1 57	6 48	3 46	7 1	3 57
16	6 10	3 8	7 42	4 39	7 53	4 49
17	7 17	4 14	8 31	5 28	8 42	5 39
18	8 15	5 13	9 16	6 14	9 29	6 27
19	9 7	6 5	9 59	6 57	10 16	7 12
20	9 52	6 50	10 41	7 36	11 1	7 55
21	10 33	7 29	11 21	8 17	11 43	8 39
22	11 11	8 5	.....	9 1	0 5	9 25
23	11 48	8 45	0 24	9 45	0 49	10 7
24	0 7	9 26	1 8	10 27	1 31	10 46
25	0 48	10 6	1 54	11 12	2 12	11 27
26	1 30	10 48	2 39	11 59	2 52	.....
27	2 16	11 34	3 25	0 23	3 34	0 32
28	3 3	0 0	4 13	1 12	4 19	1 18
29	3 53	0 52	5 3	2 1	5 7	2 5
30	4 49	1 47	5 55	2 53	5 59	2 57
31	5 46	2 44	.....	.....	6 58	3 55

FESTIVALS AND FASTS.

Epiphany	Jan. 6
Septuagesima Sunday	Feb. 12
Quinquagesima—Shrove Sunday	Feb. 26
Ash Wednesday	Mar. 1
First Sunday in Lent	Mar. 5
St. Patrick	Mar. 17
Palm Sunday	April 9
Good Friday	April 14
Easter Sunday	April 16
Low Sunday	April 23
Rogation Sunday	May 21
Ascension Day—Holy Thursday	May 25
Pentecost—Whit Sunday	June 4
Trinity Sunday	June 11
Corpus Christi	June 15
St. John Baptist	June 24
Michaelmas Day	Sept. 29
St. Andrew	Nov. 30
First Sunday in Advent	Dec. 3
Christmas Day	Dec. 25

MORNING STARS.

MERCURY.—About February 2, June 1, and September 25.

VENUS.—September 15 to end of year.

JUPITER.—January 1 to April 30; November 18 to end of year.

EVENING STARS.

MERCURY.—About April 14, August 13, and December 7.

VENUS.—January 1 to September 15.

JUPITER.—April 30 to November 18.

THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox.....	Mar. 21, 0h. A.	Mar. 21, 11h. M.
Summer Solstice.....	June 22, 8h. M.	June 22, 7h. M.
Autumnal Equinox..	Sept. 23, 11h. A.	Sept. 23, 10h. A.
Winter Solstice.....	Dec. 22, 5h. A.	Dec. 22, 4h. A.
	Mountain Standard.	Pacific Standard.
Vernal Equinox.....	Mar. 21, 10h. M.	Mar. 21, 9h. M.
Summer Solstice.....	June 22, 6h. M.	June 22, 5h. M.
Autumnal Equinox..	Sept. 23, 9h. A.	Sept. 23, 8h. A.
Winter Solstice.....	Dec. 22, 3h. A.	Dec. 22, 2h. A.

ECLIPSES FOR THE YEAR.

In the year 1911 there will be two eclipses, both of the Sun.


I. A TOTAL ECLIPSE OF THE SUN, April 28. Visible to the United States with the exception of the northern and northeastern portions, the eclipse extending north as far as a line drawn through the cities of Philadelphia, Milwaukee, Butte, Mont., and Portland, Ore. Also visible to Mexico, Central America, the western portion of the West Indies, the eastern half of Australia, New Zealand and the Pacific Ocean; the path of totality extending from Auckland, Australia, across the Pacific Ocean, almost to Central America. Occurring as a partial eclipse as follows:

	Standard	Begins	Ends
Pittsburgh	Eastern	6h 50m a.	After Sunset
Washington.....	"	6 47 a.	Middle after sunset
Raleigh	"	6 35 a.	Middle after sunset
Charleston.....	"	6 29 a.	Middle after sunset
Cincinnati.....	Central	5 39 a.	Just after sunset
Chicago	"	5 48 a.	6h 16m a.
St. Louis	"	5 33 a.	6 32 a.
Omaha	"	5 36 a.	6 27 a.
Louisville	"	5 36 a.	Soon after sunset
Mobile	"	5 22 a.	After sunset
New Orleans ..	"	5 20 a.	After sunset
San Antonio ...	"	5 14 a.	6h 55m a.
Denver	Mountain	4 24 a.	5 38 a.
Sante Fe	"	4 17 a.	5 46 a.
Salt Lake City .	"	4 23 a.	5 31 a.
San Francisco..	Pacific	3 4 a.	4 36 a.
Portland.....	"	3 40 a.	3 52 a.

II. AN ANNULAR ECLIPSE OF THE SUN, October 22. Invisible to the United States. Visible to Asia, the Philippine Islands, Australia, the northern part of New Zealand, and the Pacific Ocean, the path of annulus starting at the Aral Sea, and extending across Asia, passing south of the Philippine Islands, across New Guinea, to a point in the Pacific Ocean.

TO FIND LENGTH OF DAY OR NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

 In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time.

The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

THE SIZE OF THE SEAS.

Miles long.

Mediterranean	2,000
Caribbean	1,800
Red	1,400
Black	932
Baltic	600

AREA OF OCEANS IN SQUARE MILES.

Pacific	70,000,000
Atlantic	35,000,000
Indian	23,000,000
Southern	7,000,000
Arctic	4,000,000

SIZE OF THE GREAT LAKES.

Miles long. Miles wide.

Superior	380	120
Michigan	330	60
Ontario	170	40
Champlain	123	12
Erie	270	50
Huron	250	90
Winnipeg	240	40
Athabaska	200	20



MOON'S PHASES.
(In Standard Time.)

EAST'N DIVISION.

CENT. DIVISION.

FIRST QUARTER ..	8d. 1h. 20m. M.	8d. 0h. 20m. M.
FULL MOON	14d. 5h. 26m. A.	14d. 4h. 26m. A.
LAST QUARTER...	22d. 1h. 21m. M.	22d. 0h. 21m. M.
NEW MOON.....	30d. 4h. 45m. M.	30d. 3h. 45m. M.

**LATITUDE OF BOSTON
AND CHICAGO.**

**LAT. OF NEW YORK
AND PHILA.**

**LAT. OF WASH.
CIN. & ST. LOUIS.**

Day.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	S	r7 30	5 21	r7 24	5 27	r7 19	5 35
2	MO.	s4 38	6 27	s4 43	6 33	s4 49	6 39
3	TU.	r7 30	7 34	r7 25	7 38	r7 19	7 44
4	WE.	s4 40	8 42	s4 45	8 45	s4 50	8 49
5	TH.	r7 30	9 51	r7 25	9 53	r7 19	9 56
6	FR.	s4 42	11 0	s4 47	11 1	s4 52	11 2
7	SA.	r7 30	morn	r7 25	morn	r7 19	morn
8	S	s4 44	0 11	s4 49	0 10	s4 54	0 10
9	MO.	r7 29	1 24	r7 24	1 22	r7 19	1 20
10	TU.	s4 46	2 40	s4 51	2 36	s4 56	2 34
11	WE.	r7 29	3 59	r7 24	3 54	r7 19	3 49
12	TH.	s4 48	5 18	s4 53	5 12	s4 58	5 6
13	FR.	r7 28	6 32	r7 24	6 25	r7 18	6 18
14	SA.	s4 50	rises.	s4 55	rises.	s5 0	rises.
15	S	r7 27	5 40	r7 23	5 45	r7 18	5 52
16	MO.	s4 52	6 56	s4 57	7 0	s5 2	7 5
17	TU.	r7 27	8 10	r7 22	8 13	r7 17	8 17
18	WE.	s4 55	9 20	s5 0	9 22	s5 5	9 24
19	TH.	r7 25	10 26	r7 21	10 26	r7 16	10 27
20	FR.	s4 57	11 30	s5 2	11 29	s5 7	11 29
21	SA.	r7 24	morn	r7 20	morn	r7 15	morn
22	S	s5 0	0 33	s5 4	0 31	s5 9	0 29
23	MO.	r7 23	1 36	r7 19	1 33	r7 14	1 30
24	TU.	s5 2	2 39	s5 7	2 34	s5 11	2 30
25	WE.	r7 21	3 41	r7 17	3 35	r7 13	3 30
26	TH.	s5 5	4 42	s5 9	4 36	s5 13	4 29
27	FR.	r7 20	5 40	r7 16	5 33	r7 12	5 26
28	SA.	s5 7	6 31	s5 11	6 24	s5 16	6 17
29	S	r7 18	sets.	r7 14	sets.	r7 10	sets.
30	MO.	s5 10	5 23	s5 14	5 28	s5 18	5 34
31	TU.	r7 16	6 32	r7 12	6 36	r7 8	6 40



MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.			CENT. DIVISION.		
FIRST QUARTER...	7d.	6h.	1m. A.	7d.	5h.	1m. A.
FULL MOON.....	14d.	6h.	58m. A.	14d.	5h.	58m. A.
LAST QUARTER...	22d.	7h.	26m. A.	22d.	6h.	26m. A.
NEW MOON.....	30d.	7h.	38m. M.	30d.	6h.	38m. M.

LATITUDE OF BOSTON AND CHICAGO.				LAT. OF NEW YORK AND PHILA.				LAT. OF WASH. CIN. & ST. LOUIS.			
		Local Mean Time.				Local Mean Time.				Local Mean Time.	
Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	WE.	26 38	6 39	26 36	6 40	26 35	6 43	26 35	6 43	26 35	6 43
2	TH.	25 50	7 51	25 51	7 51	25 53	7 52	25 53	7 52	25 53	7 52
3	FR.	26 35	9 4	26 33	9 3	26 32	9 2	26 32	9 2	26 32	9 2
4	SA.	25 52	10 19	25 53	10 16	25 55	10 14	25 55	10 14	25 55	10 14
5	S	20 32	11 30	26 30	11 32	26 29	11 27	26 29	11 27	26 29	11 27
6	MO.	25 54	morn	25 55	morn	25 57	morn	25 57	morn	25 57	morn
7	TU.	26 28	0 53	26 27	0 47	26 26	0 42	26 26	0 42	26 26	0 42
8	WE.	25 57	2 7	25 58	2 1	25 59	1 54	25 59	1 54	25 59	1 54
9	TH.	26 25	3 14	26 24	3 7	26 23	3 0	26 23	3 0	26 23	3 0
10	FR.	25 59	4 11	26 0	4 4	26 1	3 58	26 1	3 58	26 1	3 58
11	SA.	26 21	4 57	26 21	4 51	26 20	4 45	26 20	4 45	26 20	4 45
12	S	26 1	5 33	26 2	5 28	26 3	5 24	26 3	5 24	26 3	5 24
13	MO.	26 18	6 2	26 17	5 59	26 17	5 56	26 17	5 56	26 17	5 56
14	TU.	26 4	rises.	26 4	rises.	26 5	rises	26 5	rises	26 5	rises
15	WE.	26 15	6 57	26 14	6 57	26 14	6 58	26 14	6 58	26 14	6 58
16	TH.	26 6	8 1	26 6	8 0	26 7	7 59	26 7	7 59	26 7	7 59
17	FR.	26 11	9 6	26 11	9 3	26 11	9 2	26 11	9 2	26 11	9 2
18	SA.	26 9	10 11	26 8	10 7	26 9	10 5	26 9	10 5	26 9	10 5
19	S	26 8	11 16	26 8	11 11	26 8	11 6	26 8	11 6	26 8	11 6
20	MO.	26 11	morn	26 11	morn	26 11	morn	26 11	morn	26 11	morn
21	TU.	26 4	0 19	26 4	0 13	26 4	0 7	26 4	0 7	26 4	0 7
22	WE.	26 13	1 19	26 13	1 12	26 13	1 6	26 13	1 6	26 13	1 6
23	TH.	26 1	2 15	26 1	2 8	26 1	2 1	26 1	2 1	26 1	2 1
24	FR.	26 15	3 5	26 15	2 58	26 15	2 51	26 15	2 51	26 15	2 51
25	SA.	25 57	3 47	25 58	3 41	25 58	3 35	25 58	3 35	25 58	3 35
26	S	26 18	4 22	26 17	4 17	26 17	4 12	26 17	4 12	26 17	4 12
27	MO.	25 54	4 52	25 54	4 48	25 55	4 45	25 55	4 45	25 55	4 45
28	TU.	26 20	5 18	26 19	5 15	26 19	5 14	26 19	5 14	26 19	5 14
29	WE.	25 50	5 41	25 51	5 40	25 52	5 39	25 52	5 39	25 52	5 39
30	TH.	26 22	sets	26 21	sets.	26 20	sets.	26 20	sets.	26 20	sets.
31	FR.	25 47	8 1	25 48	7 59	25 49	7 57	25 49	7 57	25 49	7 57



EAST'N DIVISION.

CENT. DIVISION.

FIRST QUARTER ..	6d. 0h. 55m. M.	5d. 11h. 55m. A.
FULL MOON	13d. 9h. 36m. M.	13d. 8h. 36m. M.
LAST QUARTER...	21d. 1h. 36m. A.	21d. 0h. 36m. A.
NEW MOON.....	28d. 5h. 25m. A.	28d. 4h. 25m. A.

LATITUDE OF BOSTON
AND CHICAGO.

LAT. OF NEW YORK
AND PHILA.

LAT. OF WASH.
CIN. & ST. LOUIS

Day.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	SA.	rs 45	9 20	rs 46	9 16	rs 47	9 13
2	S	rs 25	10 40	rs 24	10 35	rs 23	10 29
3	MO.	rs 41	11 58	rs 43	11 52	rs 44	11 45
4	TU.	rs 27	morn	rs 26	morn	rs 25	morn
5	WE.	rs 38	1 9	rs 39	1 2	rs 40	0 55
6	TH.	rs 30	2 9	rs 28	2 2	rs 27	1 55
7	FR.	rs 34	2 57	rs 36	2 51	rs 37	2 45
8	SA.	rs 32	3 35	rs 31	3 30	rs 29	3 25
9	S	rs 31	4 5	rs 33	4 1	rs 34	3 58
10	MO.	rs 34	4 30	rs 33	4 28	rs 31	4 26
11	TU.	rs 28	4 52	rs 29	4 51	rs 31	4 51
12	WE.	rs 37	5 13	rs 35	5 13	rs 33	5 14
13	TH.	rs 24	rises.	rs 26	rises.	rs 28	rises.
14	FR.	rs 39	7 58	rs 37	7 55	rs 35	7 52
15	SA.	rs 21	9 2	rs 23	8 58	rs 25	8 53
16	S	rs 41	10 7	rs 39	10 1	rs 37	9 56
17	MO.	rs 18	11 9	rs 20	11 3	rs 22	10 56
18	TU.	rs 43	morn	rs 41	morn	rs 39	11 53
19	WE.	rs 15	0 7	rs 17	0 0	rs 19	morn
20	TH.	rs 45	0 59	rs 43	0 52	rs 41	0 45
21	FR.	rs 12	1 43	rs 14	1 37	rs 17	1 30
22	SA.	rs 48	2 21	rs 45	2 15	rs 43	2 10
23	S	rs 8	2 52	rs 11	2 47	rs 14	2 43
24	MO.	rs 50	3 18	rs 47	3 15	rs 45	3 12
25	TU.	rs 5	3 42	rs 8	3 40	rs 11	3 39
26	WE.	rs 52	4 4	rs 49	4 3	rs 47	4 4
27	TH.	rs 2	4 27	rs 5	4 28	rs 9	4 30
28	FR.	rs 54	sets.	rs 51	sets.	rs 48	sets.
29	SA.	rs 0	8 16	rs 3	8 11	rs 6	8 7
30	S	rs 57	9 38	rs 53	9 32	rs 50	9 26


MOON'S PHASES.
(In Standard Time.)
EAST'N DIVISION.
CENT. DIVISION.

FIRST QUARTER ..	5d. 8h. 14m. M.	5d. 7h. 14m. M.
FULL MOON	13d. 1h. 10m. M.	13d. 0h. 10m. M.
LAST QUARTER...	21d. 4h. 23m. M.	21d. 3h. 23m. M.
NEW MOON.....	28d. 1h. 24m. M.	28d. 0h. 24m. M.

**LATITUDE OF BOSTON
AND CHICAGO.**
**LAT. OF NEW YORK
AND PHILA.**
**LAT. OF WASH.
CIN. & ST. LOUIS.**
Local Mean Time.
Local Mean Time.
Local Mean Time.

Day.	Day of W'k.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	MO.	74 57	10 55	75 0	10 48	75 4	10 41
2	TU.	56 59	morn	56 55	11 55	56 52	11 48
3	WE.	74 54	0 2	74 58	morn	75 1	morn
4	TH.	57 1	0 56	56 58	0 50	56 54	0 43
5	FR.	74 51	1 38	74 55	1 33	74 59	1 27
6	SA.	57 3	2 10	57 0	2 6	56 56	2 2
7	S	74 49	2 36	74 53	2 33	74 57	2 31
8	MO.	57 6	2 59	57 2	2 57	56 58	2 57
9	TU.	74 46	3 20	74 50	3 20	74 55	3 20
10	WE.	57 8	3 39	57 4	3 40	57 0	3 42
11	TH.	74 44	3 59	74 48	4 1	74 53	4 4
12	FR.	57 10	4 21	57 6	4 24	57 1	4 29
13	SA.	74 42	rises.	74 46	rises.	74 51	rises
14	S	57 12	8 59	57 8	8 53	57 3	8 47
15	MO.	74 40	10 0	74 44	9 53	74 49	9 46
16	TU.	57 14	10 53	57 10	10 46	57 5	10 39
17	WE.	74 38	11 40	74 42	11 33	74 47	11 26
18	TH.	57 16	morn	57 12	morn	57 7	morn
19	FR.	74 36	0 19	74 40	0 13	74 45	0 7
20	SA.	57 18	0 52	57 13	0 47	57 9	0 42
21	S	74 34	1 20	74 39	1 16	74 43	1 13
22	MO.	57 20	1 44	57 15	1 41	57 10	1 40
23	TU.	74 32	2 6	74 37	2 5	74 42	2 4
24	WE.	57 22	2 28	57 17	2 28	57 12	2 29
25	TH.	74 30	2 51	74 35	2 53	74 40	2 55
26	FR.	57 24	3 17	57 19	3 20	57 14	3 24
27	SA.	74 29	3 47	74 34	3 51	74 39	3 57
28	S	57 26	sets	57 21	sets.	57 15	sets
29	MO.	74 28	9 44	74 33	9 37	74 38	9 30
30	TU.	57 27	10 46	57 22	10 39	57 17	10 32
31	WE.	74 27	11 35	74 32	11 29	74 37	11 23



CENT. DIVISION.

FIRST QUARTER...	3d.	5h.	4m.	A.	3d.	4h.	4m.	A.
FULL MOON.....	11d.	4h.	51m.	A.	11d.	3h.	51m.	A.
LAST QUARTER...	19d.	3h.	51m.	A.	19d.	2h.	51m.	A.
NEW MOON.....	26d.	8h.	20m.	M.	26d.	7h.	20m.	M.

LAT. OF WASH.
CIN. & ST. LOUIS.

Day.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	TH.	r4 26	morn	r4 32	morn	r4 37	morn
2	FR.	s7 30	0 11	s7 24	0 6	s7 19	0 2
3	SA.	r4 25	0 39	r4 30	0 36	r4 36	0 33
4	S	s7 31	1 3	s7 26	1 1	s7 20	1 0
5	MO.	r4 24	1 25	r4 30	1 24	r4 35	1 25
6	TU.	s7 33	1 45	s7 27	1 46	s7 22	1 47
7	WE.	r4 24	2 4	r4 29	2 6	r4 35	2 9
8	TH.	s7 34	2 25	s7 28	2 28	s7 23	2 32
9	FR.	r4 23	2 50	r4 29	2 54	r4 34	2 59
10	SA.	s7 35	3 17	s7 30	3 22	s7 24	3 29
11	S	r4 22	rises.	r4 28	rises.	r4 34	rises.
12	MO.	s7 36	8 48	s7 31	8 41	s7 25	8 34
13	TU.	r4 22	9 38	r4 28	9 31	r4 34	9 24
14	WE.	s7 37	10 19	s7 32	10 13	s7 26	10 6
15	TH.	r4 22	10 53	r4 28	10 48	r4 34	10 42
16	FR.	s7 38	11 22	s7 32	11 18	s7 27	11 14
17	SA.	r4 22	11 47	r4 28	11 44	r4 34	11 42
18	S	s7 39	morn	s7 33	morn	s7 27	morn
19	MO.	r4 22	0 9	r4 28	0 7	r4 34	0 7
20	TU.	s7 39	0 30	s7 34	0 30	s7 28	0 30
21	WE.	r4 23	0 51	r4 28	0 52	r4 34	0 54
22	TH.	s7 40	1 15	s7 34	1 17	s7 28	1 21
23	FR.	r4 23	1 43	r4 29	1 47	r4 35	1 51
24	SA.	s7 40	2 17	s7 35	2 22	s7 29	2 28
25	S	r4 24	3 0	r4 29	3 6	r4 35	3 14
26	MO.	s7 40	sets.	s7 35	sets.	s7 26	sets.
27	TU.	r4 24	9 24	r4 30	9 18	r4 36	9 11
28	WE.	s7 40	10 7	s7 35	10 2	s7 29	9 57
29	TH.	r4 25	10 40	r4 31	10 36	r4 36	10 33
30	FR.	s7 40	11 6	s7 35	11 4	s7 29	11 2



MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION.
FIRST QUARTER ..	3d. 4h. 20m. M.	3d. 3h. 20m. M.
FULL MOON	11d. 7h. 53m. M.	11d. 6h. 53m. M.
LAST QUARTER...	19d. 0h. 31m. M.	18d. 11h. 31m. A.
NEW MOON.....	25d. 3h. 12m. A.	25d. 2h. 12m. A.

LATITUDE OF BOSTON AND CHICAGO.				LAT. OF NEW YORK AND PHILA.				LAT. OF WASH. GIN. & ST. LOUIS.			
Day.	Day of W'k.	Local Mean Time.		Day.	Day of W'k.	Local Mean Time.		Day.	Day of W'k.	Local Mean Time.	
		SUN R.&S.	MOON R.&S.			SUN R.&S.	MOON R.&S.			SUN R.&S.	MOON R.&S.
1	SA.	r4 26	II 29	r4 32	II 28	r4 37	II 28				
2	S	s7 40	II 50	s7 35	II 50	s7 29	II 51				
3	MO.	r4 27	morn	r4 33	morn	r4 38	morn				
4	TU.	s7 40	0 10	s7 34	0 11	s7 29	0 14				
5	WE.	r4 28	0 31	r4 34	0 34	r4 39	0 37				
6	TH.	s7 40	0 53	s7 34	0 57	s7 28	I 2				
7	FR.	r4 29	I 19	r4 35	I 24	r4 40	I 30				
8	SA.	s7 39	I 51	s7 33	I 57	s7 28	2 4				
9	S	r4 30	2 29	r4 37	2 36	r4 42	2 43				
10	MO.	s7 38	3 14	s7 33	3 21	s7 27	3 29				
11	TU.	r4 32	rises.	r4 38	rises.	r4 43	rises				
12	WE.	s7 38	8 56	s7 32	8 50	s7 26	8 45				
13	TH.	r4 33	9 26	r4 39	9 21	r4 44	9 17				
14	FR.	s7 37	9 52	s7 31	9 49	s7 25	9 46				
15	SA.	r4 35	10 15	r4 40	10 13	r4 46	10 12				
16	S	s7 35	10 35	s7 30	10 34	s7 24	10 34				
17	MO.	r4 36	10 55	r4 42	10 56	r4 47	10 57				
18	TU.	s7 34	II 17	s7 29	II 19	s7 23	II 22				
19	WE.	r4 38	II 42	r4 43	II 45	r4 49	II 49				
20	TH.	s7 33	morn	s7 27	morn	s7 22	morn				
21	FR.	r4 40	0 12	r4 45	0 17	r4 50	0 22				
22	SA.	s7 31	0 50	s7 26	0 56	s7 21	I 3				
23	S	r4 42	I 39	r4 47	I 46	r4 52	I 54				
24	MO.	s7 29	2 42	s7 24	2 49	s7 19	2 57				
25	TU.	r4 44	sets	r4 48	sets.	r4 53	sets				
26	WE.	s7 28	8 35	s7 22	8 31	s7 18	8 26				
27	TH.	r4 46	9 4	r4 50	9 1	r4 55	8 59				
28	FR.	s7 26	9 29	s7 21	9 27	s7 16	9 27				
29	SA.	r4 48	9 52	r4 52	9 52	r4 57	9 52				
30	S	s7 24	10 13	s7 19	10 14	s7 14	10 16				
31	MO.	r4 50	10 34	r4 54	10 36	r4 59	10 40				



MOON'S PHASES.
(In Standard Time.)

EAST'N DIVISION.

CENT. DIVISION.

FIRST QUARTER..	1d. 6h. 29m. A.	1d. 5h. 29m. A.
FULL MOON.....	9d. 9h. 55m. A.	9d. 8h. 55m. A.
LAST QUARTER...	17d. 7h. 11m. M.	17d. 6h. 11m. M.
NEW MOON.....	23d. 11h. 14m. A.	23d. 10h. 14m. A.
FIRST QUARTER..	31d. 11h. 21m. M.	31d. 10h. 21m. M.

**LATITUDE OF BOSTON
AND CHICAGO.**

**LAT. OF NEW YORK
AND PHILA.**

**LAT. OF WASH.
CIN. & ST. LOUIS.**

Day.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	TU.	74 51	10 55	74 55	10 58	75 0	11 3
2	WE.	57 20	11 20	57 16	11 25	57 11	11 30
3	TH.	74 53	11 50	74 57	11 56	75 1	morn
4	FR.	57 17	morn	57 14	morn	57 9	0 2
5	SA.	74 55	0 26	74 59	0 32	75 3	0 40
6	S	57 15	1 9	57 11	1 16	57 7	1 24
7	MO.	74 57	2 0	75 1	2 7	75 5	2 15
8	TU.	57 12	2 59	57 9	3 5	57 5	3 13
9	WE.	74 59	rises.	75 3	rises	75 6	rises.
10	TH.	57 10	7 56	57 6	7 52	57 2	7 50
11	FR.	75 1	8 19	75 5	8 17	75 8	8 15
12	SA.	57 7	8 40	57 4	8 39	57 0	8 39
13	S	75 3	9 1	75 6	9 1	75 10	9 2
14	MO.	57 4	9 22	57 1	9 24	56 58	9 26
15	TU.	75 5	9 45	75 8	9 48	75 12	9 52
16	WE.	57 1	10 13	56 58	10 17	56 55	10 22
17	TH.	75 7	10 47	75 10	10 52	75 14	10 59
18	FR.	56 58	11 30	56 55	11 36	56 52	11 44
19	SA.	75 9	morn	75 12	morn	75 16	morn
20	S	56 55	0 25	56 53	0 32	56 50	0 41
21	MO.	75 12	1 33	75 14	1 40	75 17	1 48
22	TU.	56 52	2 50	56 50	2 56	56 47	3 3
23	WE.	75 14	sets.	75 16	sets.	75 19	sets.
24	TH.	56 49	7 30	56 47	7 28	56 44	7 26
25	FR.	75 16	7 53	75 18	7 52	75 21	7 52
26	SA.	56 46	8 14	56 44	8 14	56 41	8 16
27	S	75 18	8 35	75 20	8 37	75 23	8 39
28	MO.	56 43	8 57	56 41	9 0	56 39	9 4
29	TU.	75 20	9 21	75 22	9 25	75 25	9 30
30	WE.	56 40	9 49	56 37	9 54	56 35	10 1
31	TH.	75 22	10 22	75 24	10 28	75 26	10 36



MOON'S PHASES.
(In Standard Time.)

EAST'N DIVISION.

CENT. DIVISION

FULL MOON	8d. 10h. 57m. M.	8d. 9h. 57m. M.
LAST QUARTER...	15d. 0h. 51m. A.	15d. 11h. 51m. M.
NEW MOON	22d. 9h. 37m. M.	22d. 8h. 37m. M.
FIRST QUARTER ..	30d. 6h. 8m. M.	30d. 5h. 8m. M.

**LATITUDE OF BOSTON
AND CHICAGO.**

**LAT. OF NEW YORK
AND PHILA.**

**LAT. OF WASH.
CIN. & ST. LOUIS.**

Day.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	FR.	25 23	II 2	25 25	II 9	25 27	II 17
2	SA.	26 34	II 51	26 32	II 58	26 31	morn
3	S	25 25	morn	25 27	morn	25 29	0 7
4	MO.	26 31	0 47	26 29	0 54	26 27	I 2
5	TU.	25 27	I 50	25 29	I 56	25 31	2 3
6	WE.	26 28	2 57	26 27	3 2	26 24	3 8
7	TH.	25 29	4 5	25 31	4 9	25 33	4 13
8	FR.	26 24	rises.	26 23	rises.	26 21	rises.
9	SA.	25 32	7 6	25 33	7 6	25 34	7 6
10	S	26 21	7 28	26 19	7 29	26 18	7 31
11	MO.	25 34	7 50	25 35	7 52	25 36	7 56
12	TU.	26 17	8 16	26 16	8 20	26 15	8 25
13	WE.	25 36	8 47	25 37	8 52	25 38	8 59
14	TH.	26 14	9 27	26 13	9 33	26 12	9 41
15	FR.	25 38	10 18	25 39	10 25	25 40	10 33
16	SA.	26 10	11 20	26 9	11 27	26 9	11 36
17	S	25 40	morn	25 41	morn	25 42	morn
18	MO.	26 7	0 31	26 6	0 37	26 6	0 45
19	TU.	25 42	I 48	25 43	I 53	25 43	I 59
20	WE.	26 3	3 7	26 3	3 11	26 2	3 16
21	TH.	25 44	4 22	25 45	4 24	25 45	4 28
22	FR.	26 0	sets.	25 59	sets.	25 59	sets.
23	SA.	25 47	6 36	25 47	6 37	25 47	6 39
24	S	25 56	6 58	25 56	7 0	25 56	7 4
25	MO.	25 49	7 21	25 49	7 25	25 49	7 29
26	TU.	25 52	7 47	25 53	7 52	25 53	7 58
27	WE.	25 51	8 18	25 51	8 24	25 51	8 31
28	TH.	25 49	8 55	25 49	9 2	25 49	9 10
29	FR.	25 53	9 41	25 53	9 48	25 52	9 57
30	SA.	25 45	10 35	25 46	10 42	25 46	10 50
...



MOON'S PHASES.
(In Standard Time.)

EAST'N DIVISION.

CENT. DIVISION.

FULL MOON.....	7d. 11h. 11m. A.	7d. 10h. 11m. A.
LAST QUARTER...	14d. 6h. 46m. A.	14d. 5h. 46m. A.
NEW MOON.....	21d. 11h. 9m. A.	21d. 10h. 9m. A.
FIRST QUARTER..	30d. 1h. 41m. A.	30d. 0h. 41m. M.

**LATITUDE OF BOSTON
AND CHICAGO.**

**LAT. OF NEW YORK
AND PHILA.**

**LAT. OF WASH.
CIN. & ST. LOUIS.**

Day.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	S	r5 55	11 35	r5 55	11 41	r5 54	11 49
2	Mo.	s5 42	morn	s5 42	morn	s5 44	morn
3	Tu.	r5 57	0 39	r5 57	0 44	r5 56	0 51
4	We.	s5 38	1 46	s5 39	1 50	s5 40	1 56
5	Th.	r6 0	2 54	r5 59	2 57	r5 58	3 1
6	Fr.	s5 35	4 4	s5 36	4 6	s5 37	4 8
7	Sa.	r6 2	5 14	r6 1	5 14	r6 0	5 15
8	S	s5 32	rises.	s5 33	rises.	s5 34	rises
9	Mo.	r6 4	6 17	r6 3	6 20	r6 2	6 25
10	Tu.	s5 28	6 47	s5 29	6 52	s5 31	6 58
11	We.	r6 6	7 25	r6 5	7 31	r6 4	7 38
12	Th.	s5 25	8 13	s5 26	8 20	s5 28	8 28
13	Fr.	r6 9	9 13	r6 7	9 20	r6 6	9 29
14	Sa.	s5 22	10 22	s5 23	10 29	s5 25	10 36
15	S	r6 11	11 36	r6 10	11 42	r6 8	11 48
16	Mo.	s5 18	morn	s5 20	morn	s5 22	morn
17	Tu.	r6 13	0 52	r6 12	0 56	r6 10	1 2
18	We.	s5 15	2 7	s5 17	2 10	s5 19	2 14
19	Th.	r6 16	3 19	r6 14	3 20	r6 12	3 23
20	Fr.	s5 12	4 28	s5 14	4 28	s5 16	4 29
21	Sa.	r6 18	5 35	r6 16	5 34	r6 14	5 33
22	S	s5 9	sets	s5 11	sets.	s5 14	sets
23	Mo.	r6 21	5 48	r6 18	5 52	r6 16	5 58
24	Tu.	s5 6	6 17	s5 9	6 23	s5 11	6 29
25	We.	r6 23	6 52	r6 20	6 58	r6 18	7 6
26	Th.	s5 3	7 34	s5 6	7 41	s5 8	7 50
27	Fr.	r6 25	8 24	r6 23	8 31	r6 20	8 40
28	Sa.	s5 0	9 21	s5 4	9 28	s5 6	9 36
29	S	r6 28	10 23	r6 25	10 29	r6 22	10 36
30	Mo.	s4 58	11 28	s5 0	11 33	s5 4	11 39
31	Tu.	r6 30	morn	r6 27	morn	r6 25	morn



MOON'S PHASES. (In Standard Time.)	EAST'N DIVISION.	CENT. DIVISION
FULL MOON	6d. 10h. 48m. M.	6d. 9h. 48m. M.
LAST QUARTER...	13d. 2h. 19m. M.	13d. 1h. 19m. M.
NEW MOON.....	20d. 3h. 49m. A.	20d. 2h. 49m. A.
FIRST QUARTER..	28d. 8h. 42m. A.	28d. 7h. 42m. A.

LATITUDE OF BOSTON AND CHICAGO.				LAT. OF NEW YORK AND PHILA.				LAT. OF WASH. GIN. & ST. LOUIS.			
Day.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	W E	r6 32	0 35	r6 28	0 39	r6 26	0 43				
2	TH.	s4 54	1 43	s4 57	1 45	s5 0	1 49				
3	FR.	r6 34	2 51	r6 31	2 52	r6 28	2 54				
4	SA.	s4 51	4 1	s4 55	4 0	s4 58	4 1				
5	S	r6 36	5 16	r6 33	5 14	r6 30	5 13				
6	MO.	s4 49	rises.	s4 52	rises.	s4 56	rises.				
7	TU.	r6 40	5 20	r6 36	5 25	r6 32	5 32				
8	WE.	s4 47	6 5	s4 50	6 11	s4 54	6 19				
9	TH.	r6 42	7 2	r6 38	7 9	r6 35	7 18				
10	FR.	s4 44	8 10	s4 48	8 17	s4 52	8 25				
11	SA.	r6 44	9 26	r6 41	9 32	r6 37	9 39				
12	S	s4 42	10 43	s4 46	10 48	s4 50	10 53				
13	MO.	r6 46	11 58	r6 43	morn	r6 39	morn				
14	TU.	s4 40	morn	s4 44	0 1	s4 48	0 6				
15	WE.	r6 49	1 9	r6 45	1 11	r6 41	1 14				
16	TH.	s4 39	2 18	s4 43	2 19	s4 47	2 20				
17	FR.	r6 52	3 25	r6 48	3 24	r6 43	3 25				
18	SA.	s4 37	4 32	s4 41	4 30	s4 45	4 29				
19	S	r6 54	5 38	r6 50	5 35	r6 46	5 32				
20	MO.	s4 35	sets.	s4 40	sets.	s4 44	sets.				
21	TU.	r6 56	4 51	r6 52	4 57	r6 48	5 4				
22	WE.	s4 34	5 29	s4 38	5 36	s4 43	5 44				
23	TH.	r6 59	6 17	r6 55	6 24	r6 50	6 33				
24	FR.	s4 33	7 12	s4 37	7 19	s4 42	7 27				
25	SA.	r7 1	8 13	r6 57	8 19	r6 52	8 26				
26	S	s4 31	9 16	s4 37	9 21	s4 41	9 27				
27	MO.	r7 4	10 20	r6 59	10 24	r6 54	10 29				
28	TU.	s4 31	11 25	s4 36	11 28	s4 40	11 32				
29	WE.	r7 6	morn	r7 1	morn	r6 56	morn				
30	TH.	s4 30	0 31	s4 35	0 33	s4 39	0 35				
...				



MOON'S PHASES.
(In Standard Time.)

EAST'N DIVISION.

CENT. DIVISION.

FULL MOON.....	5d. 9h. 52m. A.	5d. 8h. 52m. A.
LAST QUARTER...	12d. oh. 45m. A.	12d. 11h. 45m. M.
NEW MOON.....	20d. 10h. 40m. M.	20d. 9h. 40m. M.
FIRST QUARTER..	28d. 1h. 47m. A.	28d. oh. 47m. A.

**LATITUDE OF BOSTON
AND CHICAGO.**

**LAT. OF NEW YORK
AND PHILA.**

**LAT. OF WASH.
CIN. & ST. LOUIS.**

Day.	Day of W'k.	Local Mean Time.		Local Mean Time.		Local Mean Time.	
		SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.	SUN R.&S.	MOON R.&S.
1	FR.	r7 8	1 39	r7 3	1 39	r6 58	1 40
2	SA.	s4 29	2 50	s4 34	2 49	s4 39	2 48
3	S	r7 10	4 4	r7 5	4 1	r6 59	4 0
4	MO.	s4 28	5 22	s4 33	5 18	s4 38	5 15
5	TU.	r7 13	6 44	r7 7	6 38	r7 1	6 33
6	WE.	s4 28	rises.	s4 33	rises.	s4 38	rises
7	TH.	r7 15	5 50	r7 9	5 57	r7 3	6 6
8	FR.	s4 28	7 7	s4 33	7 13	s4 38	7 21
9	SA.	r7 17	8 27	r7 11	8 32	r7 5	8 38
10	S	s4 28	9 45	s4 33	9 49	s4 38	9 53
11	MO.	r7 18	10 59	r7 13	11 1	r7 7	11 5
12	TU.	s4 28	morn	s4 33	morn	s4 38	morn
13	WE.	r7 20	0 10	r7 15	0 11	r7 8	0 13
14	TH.	s4 28	1 18	s4 33	1 18	s4 39	1 18
15	FR.	r7 22	2 24	r7 16	2 22	r7 10	2 21
16	SA.	s4 29	3 30	s4 34	3 27	s4 39	3 24
17	S	r7 23	4 36	r7 18	4 32	r7 11	4 27
18	MO.	s4 29	5 41	s4 34	5 36	s4 40	5 30
19	TU.	r7 25	6 45	r7 19	6 39	r7 13	6 32
20	WE.	s4 30	sets	s4 35	sets.	s4 41	sets
21	TH.	r7 26	5 5	r7 20	5 12	r7 15	5 21
22	FR.	s4 31	6 3	s4 36	6 9	s4 42	6 17
23	SA.	r7 27	7 5	r7 21	7 11	r7 16	7 17
24	S	s4 32	8 10	s4 37	8 14	s4 43	8 20
25	MO.	r7 27	9 15	r7 22	9 18	r7 17	9 22
26	TU.	s4 33	10 20	s4 38	10 22	s4 44	10 25
27	WE.	r7 28	11 25	r7 23	11 26	r7 17	11 27
28	TH.	s4 34	morn	s4 40	morn	s4 45	morn
29	FR.	r7 29	0 31	r7 24	0 30	r7 18	0 31
30	SA.	s4 36	1 40	s4 41	1 38	s4 46	1 37
31	S	r7 29	2 54	r7 24	2 50	r7 19	2 47

Ther ~~Mon~~ SUN. JAN. 1, 1912

Wea

Observed day
as holiday
Fresh N W wind

Ther TUE MONDAY 2

Wea

NE gale

Ther 21 ^{Wed} TUES. JAN. 3, 1912

Wea

Strong S.W. wind
with snow
made ice
trip to ice
house.
Snowing

Ther 20 ^{Thurs} WEDNESDAY 4

Wea

Cyclone made
trip to
ice house.

FRI

Ther 20 ~~Thurs~~ JAN. 5, 1911 Wea

Light westerly
breeze made
land breeze to
ice front & more
soft making
much hauling

SAT

Ther 20 FRIDAY 6 Wea

Land up with
cold

Ther - 20 SAT. JAN. 7, 1912

Wea

Fresh easterly
much colder

Ther

25 ^{4 Nov}
SUNDAY 8

Wea

Most from
ice - easterly
light & warm

Ther ^{74.0} ~~20~~ MON. JAN. 9, 1912 Wea

Calm in am
N ~~W~~ breeze
increasing to
moderate gale
in evening

Ther ⁻³⁵ ~~35~~ ^{weak} TUESDAY 10 ~~01~~ Wea

Moderate to
severe cold
drizzle began
about this morning

Ther ^{Ther} -25 ~~WEDNESDAY~~ 11. 1912 Wea

Moderate N W
wind

Ther -20 ^{FRI} THURSDAY 12 Wea

Calm Went
for 2 loads ice
shipped ice racks

Ther ^{SAT} -37 ~~FRI~~ JAN. 13. 1912 Wea

calm fine day
made two
wires for ice

Ther ^{SUN} -20 ~~SATURDAY~~ 14 Wea

calm some
reflection of sun
to change

Ther - 8 ^{MON} ~~SUN.~~ JAN. 15, 1912 Wea

Calm. made
two trips for ice

Ther 10 **TUES** **MONDAY 16** Wea

Calm fine day
made two
trips for ice
took the east of
the first cutting
same sun
to - chug

Wed

[2]

Ther 10 FCS. JAN. 17, 1912 Wea

Calm made
two trips for
ice. Maille
brought in 42
quose -

Thurs

Ther WEDNESDAY 18 Wea

Calm made
two trips for
ice

FRI

Ther

THURS. JAN. 19, 1911

Wea

Calm First
real sunlight
Brought wood
aboard from
beach

SAT

Ther

FRIDAY 20

Wea

Moderate
Early breeze
Made one
trip for ice

111

SUN

Ther -5 SAT. JAN. 21, 1912 Wea

Flight easterly
mild. Sled
came in with
24 berries
37 grouse

MON

Ther 2 SAT. JAN. 22 Wea

Calma made
one trip for ice

Ther

TUES

Mon. JAN. 23, 1912

Wea

Calm Went
two traps to
ice pond

Ther

Wed

TUESDAY 24

Wea

Light westerly
breeze. No line
brought in 40
grouse
Went for ice
and trap

THURS

Ther

WED. JAN. 25, 1912

Wea [3]

I now my
great wedding
bride went
and took for me

FRID

Ther

-16

THURSDAY 26

Wea

Shiny, N.W. wind

~~SAT~~
Ther - ~~34~~ ~~FRI.~~ JAN. 27, 1912 Wea

Calm Went
two trips to
ice house
Light & breezy
wind Went one
trip for ice

Ther - 40 ~~SUN~~ SATURDAY 28 31- Wea

Cooldest day
of season to date
Clear

Ther - ~~38~~ ^{MON} JAN. 29, 1912 Wea

Clear Calm
Made two trips
for ice
Finished
summing up water
to-day

Ther - 38 ^{TUES} MONDAY 30 Wea

Calm Went for
my load ice
Guthrie + Name
Cookney & wife
left for Kofuk
on trading trip

WED
Ther - 32 ~~F~~ JAN. 31, 1911 Wea

Light cartily
Made one trip
for ice

THURS
Ther - 15 ~~WEDNESDAY~~, FEB. 1 - Wea

Light cartily
Made one trip
for ice

Ther

THURSDAY FEB. 2, 1911

Wea

[17]

Moderate morning
went out with
a few birds
Mallards
brought in 11
in mountain
sheep

Ther

SAT
FRIDAY 3

Wea

Strong N.E.
breeze with
snow on ground

Ther

Sun
SAT. FEB. 4, 1911

Wea

Continued thin
of yesterday
Strong NE breeze
and light
in afternoon
with light
breeze

Ther

0

~~Mon~~
SUNDAY 5

Wea

SE gale
strongest breeze
since we have
been in winter
quarters.

Ther 10 ^{Tues} ~~Mon~~ FEB. 6, 1911

217
Wea

Light breeze
Natives left
for country.

Ther -10 ^{Wed} ~~Thurs~~ 7

Wea

Light breeze
very thick fog ice
I went out looking
for seals - left
Thursday.

Ther

WED. FEB. 8, 1912

Wea

Calm - Wind
Temperature
Wind force - 12

Ther

THUR. FEB. 9

Wea

Light misty
 breeze on the
 water - strong
 21 mile - 100
 to 1000 ft. Wind
 very bad

Ther

SAT

~~FRI~~ FEB. 10, 1917

Wea

[21]

Calder went
for lunch at
ice station
brought in
118 journal

Ther

-28

SUN

~~SATURDAY~~ II

Wea

Calder clear

34
Ther

SUN. FEB. 12, 1912

Wea

John & Clara
made one trip
for ice
Water brought
in by ground
& broken
out from

Ther

34
MONDAY 13

Wea

Clara & John
went for ice
to all the

Ther ^{91.5} ~~91.5~~ FEB. 14, 1911 ^{32.3} Wea

Strong westerly
all the day

overcast with
occasional showers
of rain.

Ther ^{74.0} -20 WEDNESDAY 15 Wea

Strong westerly
all day

Ther

~~THURS~~ FEB. 16, 1912

Wea

Went for
ice

Ther

SAT
FRIDAY 17

Wea

Clear
windy
frost

Ther ⁻¹⁹ ~~SUN~~ ^{SAT} FEB. 18, 1911 Wea

Clear clear
 went across
 island in A.M.
 More whalebone
 came in whistle
 in raffle in P.M.
 Clear bone leg
 while sleeping in
 bill Capt. set
 bone leg he came
 to be doing well

Ther ⁻¹⁸ ~~SUNDAY~~ ^{MON} 19 Wea

Got early
 morning to four
 breeze in evening
 some presents
 last from some
 at home.

Ther ⁷⁰⁻⁷⁵ ~~5~~ MON. FEB. 20, 1917 Wea

Spoke of much
about ESE

Ther ¹⁰⁻²⁰ ~~5~~ TUESDAY 21 Wea

Spoke of much
in relation to judge
I was pleased of
Burlington
Columbus was to be
with 340 yards
to 500 lbs
remains are still

THURS

1911

Ther

WED. FEB. 22, 1911

Wea

Moderate to slightly
cloudy and
pleasant
with clouds but
fine view
of the city
the day

FRI

Ther

THURSDAY 23

Wea

Spent for one
hour in the
gymnasium
and then in
P.M. went
skating in P.M.

Ther

54.7

FRI. FEB. 24, 1911

2 Wea

Calan in Calan
Went from
to Calan
Buryed in
For Calan
to Calan
of Calan

Ther

54.7

SATURDAY 25

Wea

Strong in Calan
Went from
to Calan
Buryed in
For Calan
to Calan
of Calan

Ther -22 ~~SUN~~ FEB. 26, 1912

Wea

In pm breeze in am
went for one
load ice
Strong NE wind
in evening

Ther

TUES
MONDAY 27

Wea

Calm & clear
went for one
load ice

Ther

~~TUES.~~ FEB. 28, 1911

Wea

Calvin Johnson
Went for mail
to each place. Police
arrived in city
around at 12:30
Received my
letters & posted

Ther

WEDNESDAY, MAR. 1

Wea

Cloudy in morning
& no breeze. Good
view of P.M.

Mar 1 1911
Ther 18. Wind
in city. Light breeze
Went for mail
& each place.

SAT [21]
Ther 2 (Thurs. MAR. 2, 1912) Wea

Light breeze
cloudy. Went
for a walk
Saw three
sleek mink
come in on the
furs including
a black fox

SUN
Ther FRIDAY 3 Wea

Mild with strong
breeze in morning
ther 42 The sleek
mink came in
at 130 at 2
sudden gale
blow from W N W
ther fell to 10 at 6
Then men went for
wood with dogs
at 7:30
wondered about
for 2 hrs before
the storm broke

MON

Ther 15 ~~SAT~~ MAR. 4, 1912 Wea

Took a walk
in the garden
and the
punch. Found
the water
in the garden
clean and good to
drink.

TUES

Ther ~~SUNDAY~~ 5 Wea

Clear light breeze
in the morning
and evening
but not in the
middle of the day
when it is very
warm.

Ther

MON. MAR. 6, 1911

Wea

Left Boston
at 2 P.M.

went through
Worcester Springfield
Albany etc

Went to New York
Ther 12 cloudy
saw a lot of snow
went to the hotel
for lunch and
dinner in P.M.
very strong
easter breeze

Ther

TUESDAY 7

Wea

Woke up in
Canada
reached Detroit
about 10 A.M.
at 3.30

Took a look
at town left
at 10.45

Ther Mar 7 12
of heavy breeze
and snow

Ther

WED. MAR. 8, 1912

Wea

Packed things
Landed at
Omaha 3.30
Went to
Nebraska

Fri Mar 8 '12

Clear bright day
Took a walk
up to bluff
Ther 10 16

Ther

THURSDAY 9

Wea

Up in morning
all day packed
things at
Omaha

2nd Medicine
Box here.

Virginia was
written

Sat Mar 9 '12

Foggy drizzling day
strong breeze in
evening. Made
up to Lee pond

Ther FRI. MAR. 10, 1912 Wea

Turned out
in Dodge
went over
the cut off
Nevada the
most desolate
country.

Sun Mar 10 12
Thin, huge clouds
& cold
3 Natives came in
yesterday with furs

Ther MON SATURDAY 11 Wea

Clear & cold
at first but
increased in
fog and wind
at night

Ther

~~SUN.~~ ^{TESTS} MAR. 12, 1911²

Wea

Went for
load of wood
to mainland
Peak came
in with 11
mountain
sheep.

Ther

MONDAY 13

Wea

Clear day
Made trip to
mainland
for wood

Ther

TUES. MAR. 14, 1911

Wea

Clear light
breezy and
pleasant
no wind
from back of
house

Ther

WEDNESDAY 15

Wea

Clear calm
in AM fresh
breeze in PM
Two sleds
of walrus
come in with
furs.

245
Ther

~~THURS~~ MAR. 16, 1912

Wea

Cloudy with
strong breeze
in P.M.

Ther

5407
~~FRIDAY~~ 17

Wea

As before strong
westerly

1400

[11]

Ther

SAT. ~~MAR~~ 18, 1912

Wea

Clear cold with
fresh westerly

TUES

Ther

SUNDAY 19

Wea

High & windy
Went to beach
with the clock
came on with
350 gauge.

Wed

Ther MON. ~~Mar.~~ 20. 1912 Wea

Prostrate water
Went for load
of ice.

Thur

Ther TUESDAY 21 Wea

Cloudy. Moderate
breeze. In the
evening snow

FR 12

Ther

WED. MAR. 22. 1911

Wea

Clear calm
went to
beach and
for a piece of
wood. Returned
about 4
o'clock.

SAT

Ther

THURSDAY 23

Wea

Cloudy light
rain. Went to
beach and
for a piece of
wood. Returned
about 4
o'clock.

Ther

~~FRI.~~ MAR. 24, 1911

Wea

Cloudy bright
air 70

Ther

1900
SATURDAY 25

Wea

Light rain
at 11:00 AM
Dance in
Pine at 8:00 PM
by 10:00 to 12:00
P.M. 10:00 PM
from 10:00 to
12:00 PM

Ther - 44 SUN. MAR. 26, 1912 Wea

cloudy with rain
in evening breeze

Ther - 44 MONDAY 27 Wea

Fresh yesterday

Ther

(TUES. MAR. 28, 191

Wea

Ther

WEDNESDAY 29

Wea

745

Ther - THURS. MAR. 30, 1912 Wea

Cloudy, no wind
yesterday. Sweater
knit for
Tracy, from
Rough out wool

Ther FRIDAY 31 Wea

Calvin in
morning a trip
for wool across
Island to Sk
arrived at 8
return by Fletcher
at about 12 miles
Native from
Rough out wool
arrived

Ther

1911
SAT. APRIL 1, 1911

Wea

Cloudy, pretty
breeze over
in P.M.
Made trip
to mainland
for wood
about 10 miles
to - day
Noted Felt
Came in to day

Ther

SUNDAY 2

Wea

Cloudy, pretty
breeze in P.M.
Made a trip
to - day
wood - Cane
over the river
to - day
Belly to Burn
check to get
wood

WED 2

[41]

Ther MON APRIL 3, 1912 Wea

Clear moderate
breeze
with a light
breeze
from south

Thy 125

Ther TUESDAY 4 Wea

Clear light breeze

Ther

~~Wed.~~ APRIL 5, 1912

Wea

Clear sky
mildly, cold
men come
to see for
mild and

Ther

○

THURSDAY 6

Wea

Clear sky
mild
Pete the trigger
left for customer
to today

Ther

0.5014

~~DATE~~ APRIL 7, 1912

Wea

Clear sky light
high bridge
we sold a truck
to a man named
John Wood

Ther

MONDAY
SATURDAY 8

Wea

Clear sky light
high bridge
we sold a truck
to a man named
John Wood
we sold a truck
to a man named
John Wood
we sold a truck
to a man named
John Wood

Ther

SUN. APRIL 9, 1912

Wea

Clear calm
no wind at all
for the whole day

Ther

MONDAY 10

Wea

Clear calm
made a trip
to the windmill
and saw it
The windmill
has been
broken and will
come up in the
next day

~~WEDNESDAY~~

(51)

Ther

TUES. APRIL 11, 1912

Wea

Clear the water
glide

W. above came
in the water then
stayed
White shells
to go out with
the buoy

FRID

Ther

WEDNESDAY 12

Wea

Continuation of
yesterday's strong
breeze clear.
Men returned
from mainland

347
Ther 30 THURS. APRIL 13, 1911 Wea

Went to graveyard
for head of cow
one day before
left, took mail
bag by ramp from
off + put in
trunk brought
in 500 for club
meet.

500
Ther 31 FRIDAY 14 Wea

Cloudy calm
Went across
valley in car
 plenty of open
water off shore

MON

1531

Ther 26 ~~Sat~~ APRIL 15, 1912 Wea

Foggy moderate
easterly breeze a trip
to the mainland
for mail
I wenty left
with two motor
for country to
bring in mail

TUES

Ther 16 SUNDAY 16 Wea

Clear light
easterly breeze
trip to the mainland
for mail (191)

Ther

Wool

MON. APRIL 17, 1912

Wea

Clear calm
Went to mainland
for wool

Ther

Thurs
TUESDAY 18

Wea

Foggy in am
in mid light
easterly, clear
& calm in PM
Went to mainland
for wool.

FRI

[33]

Ther

~~WED.~~ APRIL 19, 1919

Wea

Clear in am
 some fog in PM
 made a trip
 to mainland
 for wood
 I weenay returned
 from country
 bringing 2 deer
 5 saddles, meat
 hides, skins
 etc.

SAT

Ther

THURSDAY 20

Wea

Clear in am
 foggy in PM
 went to mainland
 for wood

Ther

FRI. APRIL 21, 1911

Wea

Went into a treacherous
 area and about
 about 5:30 two men
 lowered dingy in effort to
 escape. They were
 out when pulled & captured.
 In response to their
 cries of help I lowered
 launch & made boat two
 men pulled in forward
 making plank pulled
 out. Knowing we all
 in water, took

Ther

SATURDAY 22

Wea

running through
 had on heavy clothes
 and was very thankful
 to escape, as at last
 to leave water, and
 men showed out
 of our boat.

Sat.

Left camp about 8:00
 for a point of view
 to police. Arrived
 on shore at 5:30
 and sailed.

Ther

SUN. APRIL 23, 1911

Wea

Sandwich

but could land on
dinner my water
heavy about 5 by 10
bar huge
slipped out on strong
night

cloudy

Ther

MONDAY 24

Wea

San Jose. a

little later

from bridge about

W M W

cloudy

Ther

TUES. APRIL 25, 1911

Wea

Better

Picked up notes
this afternoon and
brought some in
part water and
in Mr. Seymour's
boat on Lake

Found about two
same
spots. Cloudy

Ther

WEDNESDAY 26

Wea

Feeling pretty good and
eating a little. The
first meal today.

Still in same

condition.

Cloudy

Sept 26
marked bars
at daylight

Ther THURS. APRIL 27, 1911

Wea

[53]

Clear with
light breeze
Came into view
about 10 miles
from Nags Head
North of Cape Hatteras
about 2 framed
steamers about 1/2
miles
to look upon.
Way to the southward

Ther

FRIDAY 28

Wea

Clear, fine view
of the shore toward
night
very light wind
changed from at
2 P.M.

Ther

SAT. APRIL 29, 1911

Wea

Forecast with
moderate to heavy
snow - possible
till 7 PM

Lightest 4 inches
in 12 hours about 5 PM
Temperature about
22 F

Ther

SUNDAY 30

Wea

Cloudy with
light to heavy
frequent showers
night - clear showers

Ther

MON. MAY 1, 1911

Wea

Went with
 boat to land
 collected a number
 of birds about 1 PM
 then about 1 PM
 with a lot of
 birds up to 5 PM
 2-4 PM
 One of the birds
 a day was 1/2
 of the other birds
 there.

Ther

TUESDAY 2

Wea

Went a short
 way with a
 boat to the
 boat lot off
 of Gallant's
 place and during
 day with fair
 breeze

Ther

WED. MAY 3, 1911

Wea

fair all day with
 at night heading N.W.
 light breeze
 light breeze
 at night heading N.W.
 at 5. P.M.

Ther

THURSDAY 4

Wea

fair perceptibly cooler
 and less light breeze
 normal

Lat 46.30 N

Long 125 W

under steam all
 day making 6 to
 6 1/2 knots per hour.
 began at about 4 miles
 from Washington &
 about due south of
 35th parallel.

Ther

FRI. MAY 5, 1911

Wea

63

Fair light
breeze about 10
37 W
winds from
all day
digging up
cutting poles
2nd 4th 5th

Ther

SATURDAY 6

Wea

Fair strong breeze
reading about 37 W
put up cubes not
cutting poles
stage

Ther

SUN. MAY 7, 1911

Wea

Cloudy - rain
have - 1/2 gallon
left - 1/2 gallon
checked price at 6 PM

Ther

MONDAY 8

Wea

Cloudy with rain
checked price at 12:45
shipped coal from
between check to
be 10.00
loading 10 by 12

Ther

TUES. MAY 9, 1911

Wea

From north
 slight snow squalls
 in and light
 misty breeze
 school of whales
 in mid night seen
 down bay passed
 to be within bottom
 about 2 at 32
 quite cool

Ther

WEDNESDAY 10

Wea

Cloudy with
 several squalls of
 rain & snow
 fast dead fair
 wind more heavy
 snow

Ther

THURS. MAY 11, 1911

Wea

Train to Mr.
Lupton by car
very small

Baggage

On train from
to
was changed over
to and on Feb
at 2:00 to 2:00 p.m.
on the morning

Ther

FRIDAY 12

Wea

Cloudy on with wind
increasing to high
and also rain in
about the lower
part of the day
and the wind stopped

Ther

SAT. MAY 13, 1911

Wea

170

Clouds in the
strong breeze in
morning
moderating at
midday from
faint of sun back
to night.

Ther

SUNDAY 14

Wea

Fair weather
largest English
yacht in the bay
to anchor in afternoon
she was the first
to start a motor
boat going to
New York about
five miles to
the north

Ther

MON. MAY 15, 1911

Wea

Ther

TUESDAY 16

Wea

Ther

WED. MAY 17, 1911

Wea

The wind is very strong
and the rain is falling
fast. The water is
very high and the
current is very strong.
The wind is very strong
and the rain is falling
fast. The water is
very high and the
current is very strong.

Ther

THURSDAY 18

Wea

The wind is very strong
and the rain is falling
fast. The water is
very high and the
current is very strong.
The wind is very strong
and the rain is falling
fast. The water is
very high and the
current is very strong.
The wind is very strong
and the rain is falling
fast. The water is
very high and the
current is very strong.

Ther

FRI. MAY 19, 1911

Wea

Fine night light
 breeze from all
 up night
 desired paper
 drying day probably
 better.
 Evening on which
 in school day
 some small present
 out

Ther

SATURDAY 20

Wea

Fine weather
 light from wind
 evening school
 & back probably
 not a good one
 - night
 Lat 58, 50 N.
 Am busy
 leaving paper

Ther SUN. MAY 21, 1911 Wea

Tan with light
green dyeing to brown
at the Bay beach
about 100 yds
crossing with
Machollet about 100
ft. at the Bay.
Some boats for shell
spoke about 100
Mc. number 24 drop out when
repeated in the water
of the house from
the thin ground of the

Ther MONDAY 22 Wea

I topped ground at 10
to 12 to 15 ft. high
drying in the sun
about 100 yds
from the beach
land of about 100
in sight from
most beach
about 100 yds
from the

Ther

TUES. MAY 23, 1911

Wea

Cloudy - light breeze
 Grounds of beach
 Island of Tule
 Possess Belcher
 in morning
 Passed about
 about 40 miles
 below

Ther

WEDNESDAY 24

Wea

Foggy - calm
 Light breeze
 Passing below
 about 40 miles

52

Ther

THURS. MAY 25, 1911

Wea

Ther

FRIDAY 26

Wea

Father & Mother
Jimmie & Harold
Went over on
boat on July 26th day
pleasant 26 days
out all over

Then I dug
up a few
tubers & roots
with my hands

Ther

SAT. MAY 27, 1911

Wea

Cloudy with
fog & rain
Moderate breeze
causing misty
fog to clear

Ther

SUNDAY 28

Wea

Cloudy
Moderate breeze
Cold & rain
for 24 hours
but no snow
frost & clear

Ther

MON. MAY 29, 1911

Wea

Cloudy, light
breeze
evening

Ther

TUESDAY 30

Wea

Started by leaving morning
for 200 ft. Record
at 230
Record at 230. The
course of record at 11
after 600 ft. morning
we started while but
would not hold
line went to under
top of at up other leads
& followed lower
again at 5. We
then killed some

Ther

WED. MAY 31, 1911

Wea

Ende. packet not
delivered some of the
packages were
not delivered.

Outing in all
day of the week
before.

Ther

THURSDAY, JUNE 1

Wea

From north
fresh breeze blowing
to west and south
Telling that

Ther FRI. JUNE 2, 1911 Wea

Found boots at
7.30 Charing
Cross - reached
near one
cold & as usual
came back at
6.30 PM
Off Middleton
very wet - walking in mud
mud boots
My head looks
white now

Ther SATURDAY 3 Wea

Cloudy bright
foggy
Foggy, heavy
12. 5.0 PM
Foggy with fine
rain

Ther

SUN. JUNE 4, 1911

Wea

Calm Breeze
Clouded from 2
P.M. on till 11 P.M.

Ther

MONDAY 5

Wea

Light breeze cloudy
Faintly of blue
mistral
Light breeze 10-15 mph
Slight 150 mph
Light breeze 10-15 mph
Light breeze 10-15 mph
Light breeze 10-15 mph
Light breeze 10-15 mph
Light breeze 10-15 mph

173

Ther

TUES. JUNE 6, 1911

Wea

Ther

WEDNESDAY 7

Wea

Ther

THURS. JUNE 8, 1911

Wea

Ther

FRIDAY 9

Wea

Ther

SAT. JUNE 10, 1911

Wea

Cloudy with
some squalls
and breeze
at night calm

Ther

SUNDAY 11

Wea

Cloudy fresh
breeze. Rained
at night. At 10
at daylight
went to harbor
2 miles from
dew 70° at
Elmer from
was back

Ther

MON. JUNE 12, 1911

Wea

Fine light breeze
from the southwest
at 11 AM. Clear sky.
Temperature 70° and wind
light.

Spoke away at
7 PM. It. Clear
and
0

Ther

TUESDAY 13

Wea

Cloudy with small
showers passing
to half a mile.
Not much rain
since 4 PM. Wind
blowing from the
southwest. Temperature
off 70° and it is
improving.

Ther

WED. JUNE 14, 1911

Wea

Heavy storm
in P.M.

Ther

THURSDAY 15

Wea

Fair light breeze
dry day for cotton
The farmer says
the first

Ther

FRI. JUNE 16, 1911

Wea

Fair & clear
light breeze
dying to calm
Started pouring at
12 PM and cleared
up 3 PM.

Ther

SATURDAY 17

Wea

Cloudy light breeze lighted
whaler at 5:30 hauled
at 6:30 chased until
1:30 when Moby entered
to large whale was
hauled out on shore
Struck about 2:30 were
also pulled at 3:30
boats up at 7:30 PM
off Middleton Island
quite a few whales
but wild.

Ther SUN. JUNE 18, 1911 Wea

Left at 8:00 AM
 for the ...
 ...
 ...

Ther MONDAY 19 Wea

Left at 8:00 AM
 for the ...
 ...
 ...

Ther

TUES. JUNE 20, 1911

Wea

[Faint, illegible handwriting]

Ther

WEDNESDAY 21

Wea

Clear

Flat calm with light
breeze toward night.

Showered from 5:38 am
to 5 P.M.

Between McCalliston
& Alaskan Pen

Lightest Atelia
toward night

Moon set at 10 P.M.

Sun set at 9.25

Rise 2.40

Ther

THURS. JUNE 22, 1911

Wea

Cloudy with fog
in PM Moderate breeze
Spoke Lillian
in PM was 200
off shore & 1 m
whale 7 ft long
Toby Pt no whale
yesterday.

Ther

FRIDAY 23

Wea

Calm & foggy
Detention & going to
in morning

Ther

SAT. JUNE 24, 1911

Wea

Fair light breeze
 Breeze taken
 in evening
 square at
 for Uvalde at
 10 PM

Ther

SUNDAY 25

Wea

Cloudy in am clear
 in PM
 strong breeze on
 greater middle
 a good run with
 everything set
 barrel & bark
 at nightfall
 about 10 miles off

Ther

MON. JUNE 26, 1911

Wea

Cloudy, light
fair wind
reading about SW
Boat from Saybrook
aboard. Then
am with letters
off Port to Lake Ontario

Ther

TUESDAY 27

Wea

Raining, left traps
Washed house
at 4
dove to at 10 PM

Ther

WED. JUNE 28, 1911

Wea

Cloudy light breeze
 Sounded for school
 of porpoises at
 1 P.M. Inside featured
 and took one. Boyle
 struck whale inside
 water which took large
 waves were very wild
 after the first one which
 ceased until I came
 aboard at 10 P.M. and
 left in.

Ther

THURSDAY 29

Wea

Light breeze cloudy
 & foggy
 Boiling out
 & slowed down

1911

Ther

FRI. JUNE 30, 1911

Wea

Cloudy light breeze

Ther

SATURDAY, JULY 1

Wea

Fair light breeze
increasing to fresh
Roused whale at 1:30
PM. Landed at 5
3 boats to windward
2 to leeward. 3 sperm
whales at 9 AM pulled
Eschsch whale at
same time & soon
after pulled. Came
aboard at 10

Both large whales
Eschsch whale with line

Ther

SUN. JULY 2, 1911

Wea

Strong breeze in morning
with gusts & rain.
Fair to light breeze
in afternoon.

Ther

MONDAY 3

Wea

Rainy strong
breeze made a
good run at 4th
fair wind

Ther TUES. JULY 4, 1911 Wea

Foggy strong breeze
Took in light
saw to bed
night.

Ther WEDNESDAY 5 Wea

Fair clear light
breeze lightest
summer in port town
at 2 P.M.

Ther

THURS. JULY 6, 1911

Wea

Rainy & strong breeze in
 AM clearing with light
 breeze or heavy on all in
 P.M. Rained whole fore-
 noon at 12:30. Dried
 3 boats at 1. Boyle, Mogg
 & Seymour went in the
 afternoon. No other
 stopping. Rounded white
 with fronts shared
 until 3 & came
 aboard.

Ther 53

FRIDAY 7

Wea

Fair strong breeze
 sighted freight
 vessel for 2 hours
 at 6 P.M.

Ther

SAT. JULY 8, 1911

Wea

(12)

Light breeze, foggy
 from 10 to 11
 clear, foggy at
 10 P.M.

Ther

SUNDAY 9

Wea

Fair light breeze
 by raised started from
 at 5:30 a.m. Coasted
 along Unimak Island
 coasting a shore
 very rugged picturesque
 scenery. Volcano on
 Unimak 9000 ft high
 lighted steam column
 with large fire tower among
 among Unimak Pass
 Anchored at 11 P.M. in
 of water in English harbor
 of Unimak Island
 Unimak

Ther

MON. JULY 10, 1911

Wea

Lying at anchor $\frac{1}{4}$ off
 shore. Gale of wind
 blowing down Amelga
 Pass. Catching up caught
 12 cod 15 halibut
 2 salmon in the
 haul. Schooner came
 down pass at 6 P.M.

Ther

TUESDAY 11

Wea

Took anchor at 6 am & went
 through Amelga Pass with
 strong head tide. Passed
 by Crest Rock and passed
 about waterfall caught 20
 cod & 12 halibut. Came
 into Unalakleet and
 dropped anchor in 11 fathoms.
 Survey boat Patterson
 along side. Check
 done by Dept
 Surge.

Ther

WED. JULY 12, 1911

Wea

Took a walk at 1:30
 and came along side
 dock. Water
 got well ready for
 coal. Played
 ball on dock in evening
 and back dock at
 town. Looked on at
 a chance. Kulu
 came in at 1 PM
 clear. Received a
 letter & post from
 home. Clear light
 breeze

Ther

THURSDAY 13

Wea

Fair fresh breeze
 of my along side dock
 Coal on dock 100
 tons. Board
 seven men
 morning this morning

Ther

FRI. JULY 14, 1911

Wea

Fair fresh breeze
 Timmed taking
 coal & water
 250 tons coal
 One run away
 returned by wharf
 took my hold at
 diving ^{from} shore

Ther

SATURDAY 15

Wea

Cloudy strong breeze
 Went over to D which
 put on and took on
 supplies. Came
 back to wharf
 & anchored
 Took boats from
 beach.

7 we more
 men & boys caught
 in a net all but
 Smith Old Tom

Ther

SUN. JULY 16, 1911

Wea

Fair fresh breeze
 Took anchor at 7 am
 and steamed
 outside of wharf
 to the fresh water
 dock. Made
 all square sail
 and started for
 home at 5 PM
 with fresh fair wind

Ther

MONDAY 17

Wea

Wind died to
 light breeze
 nearly all day

Ther

TUES. JULY 18, 1911

Wea

Thick fog until
noon. Then
cleared with light
breeze. Took in
square sails
and started home
at 1 PM.
At 2 PM. started
in night

Ther

WEDNESDAY 19

Wea

Light in morning
clearing in 2 PM.
Sailed from
T 12:30 PM at
9:30 AM
Fresh breeze

Ther

THURS. JULY 20, 1911

Wea

Foggy fresh breeze
 on shore breezing
 toward night
 took on square
 sails & started
 power at 2 P.M.
 heading N N W

Ther

FRIDAY 21

Wea

Foggy clearing
 light breeze
 light breeze
 stopped power
 & set sail at
 4 P.M.
 heading N by W

Ther

SAT. JULY 22, 1911

Wea

Foggy fresh breeze
 on shore
 P. M. - lighter on low
 coast - the night

Ther

SUNDAY 23

Wea

Foggy in morning
 clearing in P. M.
 from bridge. Passed
 St. Charles since 10 AM
 at 5 P. M. - stopped
 another at 11 P. M.
 to northward of and
 2nd. Below were
 about 1000. Saw mission
 my 10 miles. They
 took this breakfast
 this spring

Ther

MON. JULY 24, 1911

Wea

Left on train at
8:30 AM. Started
for day from Port
of Spain to Thibault for
night's stay.
Went ship at 2 PM
and stood off shore.

Ther

TUESDAY 25

Wea

Foggy & rain in
PM. Started
Penny at 2 AM.
Lunch about 1
Mile off our course
so clocked for
home at 4 PM

Ther

WED. JULY 26, 1911

Wea

Foggy steaming
all day was
pleasant breeze
Dropped anchor
at 8 PM in lee
of Sledge Island
Boat from Port of
Schooner came aboard
very early in the
morning.

Ther

THURSDAY 27

Wea

Took anchor at 5 AM
went to Nore anchored
about 1 mile off beach
at 11 AM. Dressed in
and got things
had to take anchor
at 7 PM and return
to lee of Sledge Is.
arriving here at 10 PM
22 chambers a two
foot water also there
Fresh southeaster
increasing to half a mile
Rain

her FRI. JULY 28, 1911 Wea

Rainy with fresh
west breeze
a heavy swell
lying at anchor in
the of Dodge Island
another schooner
and a ship
about to fleet at
anchor here

her SATURDAY 29. Wea

Strong breeze
with rain in PM
lying at anchor
at Dodge Island

Ther

SUN. JULY 30, 1911

Wea

[illegible]

Ther

MONDAY 31

Wea

Rainy - strong breeze
 in AM moderating
 Took anchor at 10.30
 and returned to
 Namsil anchored at
 20 m. S.S. Sanctor
 from Seattle here,
 chief came aboard
 and left with
 us back

[107]

Ther

TUES. AUG. 1, 1911

Wea

Being in am clearing
and some out in PM
will leave for 10 days

Went ashore but
lost our horse
on which is

Put on passengers
about 2 freight
with anchor at 11:00
and started north

Ther

WEDNESDAY 2

Wea

Lightest head wind
steaming all day
Passed Kings Island
at 11 am and
went through the
strait in dense
fog at about 7 PM
cleared at 9

Ther

THURS. AUG. 3, 1911

Wea

Fog & rain
 light breeze
 Steaming, with the
 raft & dila set
 ranged Cape Horn
 at 10 AM. and
 dropped anchor at
 Point Hope at 6
 miles from shore
 tracked for boats &
 supplies. for Allen
 with 1 mule. the two
 sleds, new goldens and
 about

Ther

FRIDAY 4

Wea

Rainy & foggy in
 AM. clear at 8 AM
 took anchor at 1230
 made square
 sail fair wind
 cleared horns at 4
 rounded Cape Horn
 at 11 AM. closed by
 square sail at 6 PM
 Was obliged to
 go by to make room
 for Pete Brown
 with C. White

Ther

SAT. AUG. 5, 1911

Wea

Clear light to
fresh breeze
Pined Point Bay
at 5 am anchored
off Whithorn
at 5 PM. A few
after Bear passed
in 2 m. home and found
quite cool
brought 700 lbs
deer meat

Ther 40

SUNDAY 6

Wea

Clear light of fresh
windy land
Pined Pt Bay at 2 am
anchored at Cape Smith
AT 12 noon some
aboard steamed
up to Gardiner and
went ashore north
collected a few
Took dinner at 12 PM
Pined Pt Bay at 11:30
Dinner a few slices of
ice the first

Ther 42 MON. AUG. 7, 1911

Wea

Foggy steaming
all day with
faint head wind
bearing N E by N
considerable
floating ice.

Ther

TUESDAY 8

Wea

Clear in am
clearly in P.M.
very light breeze
off Owen Island
at 7 P.M. heavy
ice off Flax near
clearing beyond
Took name and
day aboard

Ther WED. AUG. 9, 1911 Wea

Clear light to
 near dead wind
 very little ice
 Raised Herschel
 Island at 2:30 PM
 dropped anchor
 in afternoon at
 10 PM 8 days from
 Nome steaming all
 the time
 Jeanette was here
 July 28

Ther THURSDAY 10 Wea

Cloudy moderate
 breeze working
 all day mostly on
 ship - in evening when
 wind shifted to
 light air
 2000. Only came
 in today

Ther

FRI. AUG. 11, 1911

Wea

Cloudy in the
 afternoon
 Bury beating out
 stuff - 2. To bring to
 down over
 A lot of trading
 done in the market

Ther

SATURDAY 12

Wea

Clear in the morning
 Breeze from the
 south at 5 P.M.
 40° + shade of 60°
 Windy all day
 and night
 and in the morning
 when we started
 Island for 7 P.M.
 very little ice

Ther

SUN. AUG. 13, 1911

Wea

Fair light breeze
 blowing to southeast
 toward Jewell's
 He has the porch
 rebuilt. Ground has
 lower level. Since
 the seventh moved
 whole party
 Duke not ship short

Ther

MONDAY 14

Wea

Cloudy light
 breeze blowing to
 Jewell's. Under
 way at 5 am
 Passed hole at
 7. Landed at
 mouth of
 lake at 11
 & returned to
 daily island drift
 anchor in 4 1/2 ft
 at 3 PM
 Tackling

Ther

Tues. Aug. 15, 1911

Wea

Cloudy light breeze
 Took boat at 11 am & steamed
 from Barly Harbor
 Whistled steam at 5:30
 on the sail coming

Ther

WEDNESDAY 16

Wea

Cloudy light breeze
 Arrived whaler at 5:30
 To work at day. Ignorance
 went on whale at 1:30
 a western or also
 was smaller, Doyle
 struck a billed whale
 Cut in T. looked
 at it. 24 men on deck

Ther

THURS. AUG. 17, 1911

Wea

Cloudy light breeze
 washed & a sharp
 breeze in a m
 lowered at 4 P M
 three boats took up
 at 5.30

lowered again at
 8 took up at 12
 flammets & Kurlak
 in night

Ther

FRIDAY 18

Wea

Cloudy fresh breeze
 lowered two boats at
 4 am the other
 till at 6 AM took
 up at 7.30 P M

Ther

SAT. AUG. 19, 1911

Wea

Cloudy fair breeze
 cleared in a.m.
 quite a bit of flaking ice
 from Hudson at
 5 P.M. the boat started
 sending on work
 & fast down by her

Ther

SUNDAY 20

Wea

Cloudy with light
 north wind - warming
 Sunday - started
 out in two car loads
 & a number of
 polar bears - consider-
 able clearing, etc

Ther

MON. AUG. 21, 1911

Wea

A windy with
rain to hard. Temp
Rained at 10:00
at 5. Dined at 6
checked all day
took up at 9 P.M.
to be in boats
Plenty of wind
but could not fasten
light breeze

Ther

TUESDAY 22

Wea

Rainy fresh
breeze the breeze
in P.M.

Ther

WED. AUG. 23, 1911

Wea

Cloudy light breeze
steamed from 7
to 11 am
but 6 pm between
Camp 2 and and
Cape Perry

Ther

THURSDAY 24

Wea

Foggy light breeze
steamed from
9 am to 6 pm

Ther

FRI. AUG. 25, 1911

Wea

Fair fresh breeze
 a seal whale at 9
 Toward Mr. Enslin's tree
 at 4 45. A young
 seal got out killed
 whale at 5, 8 min
 made fast to ice and
 cut in two most of
 the blubber
 off only skin

Ther

SATURDAY 26

Wea

Fair light breeze. A seal
 from 2 to 4 30. A young
 whale was raised
 toward at 5. 7 min
 stuck at 6 30. While
 was killed by two
 & seals pulled it up
 and cut in saving
 most of blubber
 Plenty of ice
 Lat 71° 40'

Ther

SUN. AUG. 27, 1911

Wea

Foggy in morning
 at 10:00 AM
 Rising while at 9:15
 Landed at 9:30 PM
 almost dark Boyle
 struck at second rising
 whale went under ice
 taking line Mugg
 picked up pole on
 other side of ice and
 saved whale
 very lucky

Ther

MONDAY 28

Wea

Made fast to ice
 Rained. Inhabits close
 to it at 5:30 PM
 Landed at 6. Chased
 until 5 PM foggy
 light breeze.
 Water in holes in ice
 flat to which we are
 fast. Capt. Little
 shot polar bear
 Boiling out in
 report

Ther

TUES. AUG. 29, 1911

Wea

[121]

Foggy very light
 breeze boiling hot
 all day. Chat
 off from ice.

Ther

WEDNESDAY 30

Wea

Fairly clear
 during day - foggy
 at night. Found
 trying to catch
 whale. Whale
 caught at 2:30
 but lost track of
 whale & took up
 again at 7:30

Ther

THURS. AUG. 31, 1911

Wea

Fair & warm
light breeze. Sailed
vld about 11:30 AM

Ther

42 FRIDAY, SEPT. 1

Wea

Fair & warm
Sailing
Whale Bluffs
at 7 PM. Sailed
M. S. at
10 PM

[122]

Ther

SAT. SEPT. 2, 1911

Wea

Cloudy strong
frost much
colder off Boston
River in morning
Boat Island
at noon heading
toward Barlow
Land

Ther

02

SUNDAY 3

Wea

Left a good
distant night
the coming in with
fog & off land
off Barlow Land
in early morning
came across
to Barlow Island
considerable ice

Ther

MON. SEPT. 4, 1911

Wea

Fair on moderate
breeze. Left off
Dahlgren Island
at 4 am. I arrived
to Matavou
Plenty of seals
to be seen. 55 on
ice. Can't see out
on water.

Ther

TUESDAY 5

Wea

Fair light breeze
started whaling at 9:15
I arrived at 1:00
water full of ice
chased until 4 PM
when my strike
went under ice.
Using line Walker hook
on my pulsed Galle
but him with point
& square finished
him at 5. Cut in
a very big whale

103

Ther 35 WED. SEPT. 6, 1911

Wea

Cloudy in the
p.m. in middle of
day fresh breeze
from N. & water
at 7 am but came
on foggy & took
up at 12.30
a small of bone

Ther

THURSDAY 7

Wea

Cloudy fair breeze
arrived small of
7.30 a.m. found
at 8.15 m. small
struck & killed
small whale at
11 am. My second
boat
3 1/2 tons about 300 lbs
swept bone

29 Ther

FRI. SEPT. 8, 1911

Wea

Cloudy fresh breeze
 Landed whale at 6:15
 Landed at 6:24 last
 whale at 1:30. Mags
 went in second boat Symon
 gave him 2 barrels Mags
 was pulled by
 truck Mags gave
 him 2 barrels & stove
 boat badly men got
 up side of ice with gear
 forced boat to ship out
 in whale full length

29 Ther

SATURDAY 9

Wea

Cloudy strong
 breeze and air coming
 to half a gale
 Landed at 5:20
 gun charged until
 10:20 & took up
 boats under full
 reefed storm sails
 started power at 6
 to head back
 to 10

Ther SUN. SEPT. 10, 1911 Wea

Found a large gale
 wind blowing from the
 west. Slight rain
 but too rough to
 leave.

Ther MONDAY 11 Wea

Loaded whaler
 at 5:15. Loaded at 5:20
 A.M. Doyle struck
 & killed a large
 whale at 2:25 P.M.
 Chased until 7:30
 some ahead of
 cut in carrying out

Ther

TUES. SEPT. 12, 1911

Wea

Foggy light breeze
saw a few birds

37 Ther

WEDNESDAY 13

Wea

Calm steamed
about 4 hrs in
the m. Started
try water at
6 P M

Ther

THURS. SEPT. 14, 1911

Wea

Cloudy light
 breeze snow small
 tonight
 Dearly at
 storm, down

Ther

FRIDAY 15

Wea

Cloudy light breeze
 snow small at
 1 P.M. snow at
 1.30 P.M. snow until
 5.30 lost track
 of snow & come
 down

Ther

SAT. SEPT. 16, 1911

Wea

Cloudy strong breeze
 Ranald whaler at
 130 Tonnage at 2
 Day room straight
 at 4.15 & pulled whale
 Muzz whaler at 3
 but then pulled
 came aboard at 7.30
 Cudding in all
 night moved
 blubber

Ther

SUNDAY 17

Wea

Cloudy fresh breeze
 Ranald whaler at
 5.30 Tonnage at
 5.30 new sea
 whale after leaving
 ship whale up at 7.30
 Batching out
 & shuffling coal
 & meat at 10.30 in
 mail & shuffling
 from at 8.30

Ther 27 MON. SEPT. 18, 1911

Wea

Fair moderate
breeze. Suggested me
at machine for courses
& came to pack
at 10:30
for speed trip

Ther 24 TUESDAY 19

Wea

Fair calm
nearly all day
started rain
at 7 PM for
much

Ther

WED. SEPT. 20, 1911

Wea

Cloudy light
breeze in the
morning. Clear
in evening.

Put punch
off before Pt
got at 1.30
am + got 28
yards of wood
of beach
banded above
on shore. In
Gulf at 9 PM

Ther

THURSDAY 21

Wea

Cloudy light
breeze with rain
at 6 am. I went
down to the
beach. I went
off the lagoon
at 2.30 but had
if wind. Wind
of Sch. Boring
to west end of
lagoon. I went
at 6.10 am. I went
back to beach at 8
am.

Ther

FRI. SEPT. 22, 1911

Wea

Cloudy light breeze
 got 210 lbs of bladder
 of wood at Sabine
 River in morning
 took anchor at
 12 o'clock to
 Marshal Island
 anchoring there
 at 8:30 P.M. Towed
 three boats of N. 301 P
 from Cape Sabine to
 Island

Ther

SATURDAY 23

Wea

Fair moderate breeze
 Packed wood
 ashore from 5 am
 to 2 P.M.

Ther

SUN. SEPT. 24, 1911

Wea

Fair light breeze
 freshened blowing
 off shore 4-5
 miles. One lobster
 or two were at
 the traps as were
 5 other & I
 went on night
 watch.

Ther

MONDAY 25

Wea

Fair strong
 westerly breeze
 almost a gale
 much cooler
 at 5 PM dead
 man carried
 away and
 before a drift
 dropped in
 - large drift off
 end of south apr

Ther

TUES. SEPT. 26, 1911

Wea

Clear day, light
breeze freshened
in the eve &
strong gusty
for the evening

Ther

WEDNESDAY 27

Wea

Cloudy light breeze
I went out with
to get rid of rats
one in each went
ashore with them.
I started by 10 AM
at 1 PM

Ther

THURS. SEPT. 28, 1911

Wea

Cloudy light breeze
 Freshened by my
 visit at 7 am
 showed some
 in lower mile
 immediately upon
 reaching for the
 end of year

Ther

FRIDAY 29

Wea

Fair moderate
 breeze washed
 down south of
 channel about
 north.

her 25 SAT. SEPT. 30, 1911

Wea

Cloudy light breeze

Went to market
 in morning. Stayed at
 home. To market
 stay at

Went ashore &
 played ball in
 P.M.

her SUNDAY, OCT. 1

Wea

Fine light
 breeze. Went
 to market & played
 ball in P.M.

Ther 23 MON. OCT. 2, 1911

Wea

Fair calm
Fried said
could not
run gear
but
have some etc
one station

Ther 25 TUESDAY 3

Wea

Fair light breeze
stopped stores
the packed and
skins for deer
skin shirt.

[124]

Ther 24 WED. OCT. 4, 1911

Wea

Fair calm
Fog at 10 AM
Boat skimming
over with young
ice

Ther

THURSDAY 5

Wea

Cloudy strong
northerly breeze
cool

Ther

FRI. OCT. 6, 1911

Wea

Cloudy strong
northerly breeze
in the morning
squalls

Ther

25

SATURDAY 7

Wea

Cloudy moderate
breeze. Spent
forenoon ashore
brought
lumber for the
house in P.M.

Ther

SUN. OCT. 8, 1911

Wea

[1-1]

Clear day with
 some snow
 clearing away. Day
 was spent putting
 up framework
 of house on
 ship.

Ther

MONDAY 9

Wea

Bunchy moderate
 breeze, or rather
 on deck house

Ther 2 TUES. OCT. 10, 1911

Wea

Clear dry moderate
constant breeze
11 mph at 10 AM
in AM

Ther

WEDNESDAY 11

Wea

Cloudy moderate
breeze / Made
first ice punch
4 in ice where

Ther

THURS. OCT. 12, 1911

Wea

Snow storm
with moderate
breeze. Clear
over

Ther

FRIDAY 13

Wea

Cloudy light
SW wind
Went to ice pond
cut about 1 ice
4 1/4 in. also 7 rounds
ice. Had a
hand full
home through the
ice.

Ther

SAT. OCT. 14, 1911

Wea

Fair - fresh
N.W. wind ch.
set up stove in
tween decks

Ther

SUNDAY 15

Wea

Cloudy moderate
N.W. breeze

Ther

MON. OCT. 16, 1911

Wea

Cloudy & strong NW
breeze in evening
to half a gale by
night. Put water
pumps & cutting
ice ground 4 in
ice. Two men
went ashore in PM
& had to stay all
night as it was
too rough to land

Ther

TUESDAY 17

Wea

Cloudy day w
windy in PM. Sun
over water by
beach

Ther

WED. OCT. 18, 1911

Wea

Fair breeze
easterly breeze
is covered but
pieces of blue
are visible in
from eastward

Ther

THURSDAY 19

Wea

Fair easterly
gale - heavy
rain on the
open an shore
down

Ther

FRI. OCT. 20, 1911

Wea

Fair calm
 fine day Went
 ashore to
 collect nature
 specimens etc
 No ice in sight
 except what on
 beach.

Ther

SATURDAY 21

Wea

Fair moderate
 N W wind

Ther

SUN. OCT. 22, 1911

Wea

Cloudy 5 E
 breeze increasing
 to half a gale
 in evening had
 tide up starboard
 anchor

Winter arrangement
 of meals began
 Breakfast at 8
 coffee at 12
 dinner at 4
 went to sleep still
 in ice in sight

Ther

MONDAY 23

Wea

Fair light
 NW breeze for
 up anchor
 made a trip
 to see how the
 boat was P.M.
 3 1/2 in ice
 sun set 4 P.M.

Ther

TUES. OCT. 24, 1911

Wea

Fair light S E
wind went
clearing in
about 6:00 at in 7:00
shot 4

Ther

25

WEDNESDAY 25

Wea

Fair calm
& warm. Went
up to bluff in
P.M.

Ther 35 THURS. OCT. 26, 1911

Wea

Fair calm

Ther 32 FRIDAY 27

Wea

Cloudy moderate
easterly increasing
to half gale
in evening
Drift shore
outward

Ther 30 SAT. OCT. 28, 1911

Wea

Cloudy strong
easterly breeze
waves out last
night

Ther 35 SUNDAY 29

Wea

Fair calm
Played ball in
P.M.

Ther 20 MON. OCT. 30, 1911

Wea

Fair light
westerly breeze
went to Bluff
in P.M. saw ice
in report

Ther 23 TUESDAY 31

Wea

Fair calm
cut 7 in ice on
ice pond on
hill at well 60 ft
ice getting
stiff on harbor
hard to push
out through

Ther 30 WED. NOV. 1, 1911

Wea

Clear day with
slight breeze
We went off
from beach
today

Ther 25 THURSDAY 2

Wea

Cloudy day
w/ n wind from
S. W. shore
night in clearing
in day with
slight snow
n clear shot
n clear off sand
spit yesterday.

Ther 22 FRI. NOV. 3, 1911

Wea

Cloudy with
fresher. No heavy
breeze & snow
in P.M. Crew
went to ice pond
in whale boat &
cut ice 7 in

Ther 20 SATURDAY 4

Wea

Clear fresh
no heavy breeze
ice on pond
ship will be
in ice tonight

Ther

16 SUN. NOV. 5, 1911

Wea

Clear N.W. wind
 Took anchors
 at 10 am
 steamed through
 about 3 mi. to
 the position near
 beach for
 minute

Ther

10

MONDAY 6

Wea

Cloudy
 Brought word
 about fault
 in morning
 M. W. P. aboard
 & played cards
 in evening

Ther 0 TUES. NOV. 7, 1911

Wea

Fair calm
went to fuller
ice house &
brought two
coals

Ther 26 WEDNESDAY 8

Wea

Clear dry
westerly wind
some snow
Ang ice went
out leaving
only narrow
frozen

Ther 0 THURS. NOV. 9, 1911

Wea

Light northerly
breeze with
snow hauling
ice from future
pond with
men & dogs

Ther 0

FRIDAY 10

Wea

Family fresh
27 2 inches
increasing toward
night. Hauling
ice with dogs
Natives hunter
returned from
mound
clean
Blue stone
stream today

U Ther

SAT. NOV. 11, 1911

Wea

Fresh gently
breeze fair.

Thunder held
hills broken
in better clouds
in evening.

Ther 10

SUNDAY 12

Wea

Fair & calm
but all at
noon we
found ice
about 100 ft thick

Ther

7

MON. NOV. 13, 1911

Wea

Fair light
breeze from
west shores &
caused them
to move house
2 loads of
ice with dogs
rolla ball &
at yard in
evening.

Ther

TUESDAY 14

Wea

Clear day in the
morning & wind
blowing from the
west & ice
at the shore

Ther - 5 WED. NOV. 15, 1911

Wea

From strong
N.W. wind
cleared &
a few ashed
birds

Ther

THURSDAY 16

Wea

From light
westerly breeze
Dogs barks
two black & white
ice

Ther -4 FRI. NOV. 17, 1911 Wea

Clear calm
went with
dogs from
home down ice
Pulling ice
over daylight
+ other no motion

Ther -4 SATURDAY 18 Wea

Clear light
westerly wind
few leads of
ice with dogs
Put ice over
headlights etc

Ther -15 SUN. NOV. 19, 1911

Wea

Clear Calm
No deer shot about
church in am.
Could not go out on
ice to shoot duck
etc. Reached
foot of hill on ice
"Cockney" froze till
we took a trap.
Changed time
of meals to 9
1-2-3-4-5-6-7-8-9-10-11-12

Ther -20 MONDAY 20

Wea

Clear Calm
Went with dogs
to ice pond and
two sleds of
native arrived
in am. brought
about 1-2 fish

Ther - 5 TUES. NOV. 21, 1911 Wea

Light easterly wind overcast
made two
trips to ice
house in 14th
claps.

Ther - 12 WEDNESDAY 22

Wea

Light easterly wind
Went one trip
in 14th claps for
ice. Killed
goat to-day

Ther - 5 THURS. Nov. 23, 1911

Wea

Calm misty
Went to see some
long trip

Native hunter
returned with
out about 200
quiches all up
to 50 in one group
what gave them
that including 1
st. sheep and
charged with a
good appetite.

Ther - 5 FRIDAY 24

Wea

Calm Went
one trip
see in the day

Ther / SAT. Nov. 25, 1911

Wea

Fairly easterly
wind

Ther - 3 SUNDAY 26

Wea

Light westerly
breeze. Capable
of one variable
of R N W M P
but looking to
calm wind on
Ft Mc Pherson route
Sun not
visible to-day

Ther - 2 MON. Nov. 27, 1911

Wea

Strongly easterly
wind with
snow

Ther

TUESDAY 28

Wea

Sept 27 we went
out in the day
for head of ice!
Native thought
in one day

Ther - 4 WED. NOV. 29, 1911

Wea

Light easterly wind
Went to see pond
with dogs. Nelson
left on hunting
trip for ship

Ther - 5 THURSDAY 30

Wea

Traped in house
of Thanksgiving
Pohu met to
dinner joint
meat
Calvin

Ther

FRI. DEC. 1, 1911

Wea

Light mostly
Went north
Changes for ice
Began to rain
in afternoon

Ther

SATURDAY 2

Wea

Calm
scent with
chops over ice

Ther

SUN. DEC. 3, 1911

Wea

Light westerly
 20 kts. - 25 kts. to
 30 kts. in
 8 m.

Ther

- 22 MONDAY 4

Wea

Light N.W. wind
 went for me
 lunch ice.
 coldest day so
 far.

Ther - 1/4 TUES. DEC. 5, 1911

Wea

Calm Went
for the Lead
Pice. Searching
around for
to ship.

Ther

WEDNESDAY 6

Wea

Calm Went
for the Lead
Pice. Searching
around for
to ship.

Ther 26 THURS. DEC. 7, 1911 Wea

Calm Went
for one load
of ice
Police returned
from trip to their
shelter houses today

Ther - 27 FRIDAY S Wea

Calm Went for
one load ice
with dogs
Woke up in twelve
decks in evening

Ther - 20 SAT. DEC. 9, 1911

Wea

Calm Got one
load of
Missionary Faye
blow - to - clay
from the Medicine
Tower
Natives brought
in 55 grouse

Ther - 27 SUNDAY 10

Wea

Calm
Missionary Faye
held services in
ball room
in P.M.

Ther

MON. DEC. 11, 1911

Wea

Clear in the light
Morn on and in PM
Went for one load
of ice. Report is
that two of the men
were in a shower
- North Star hospital
at Wainwright some
last last fall

Ther

- 10 TUESDAY 12

Wea

Light easterly
wind. Got one
load of ice.
Three whalers
started out to
hunt for ship.

Ther -5 WED. DEC. 13, 1911

Wea

Strong breeze
increasing to almost
a gale in the
evening.

Got about $\frac{2}{3}$ load
of ice. Messenger
left to-day.
Began writing
letters to out
with police.

Ther

THURSDAY 14

Wea

Strong breeze
moderating in
P.M.

Ther

FRI. DEC. 15, 1911

Wea

Snowing with
strong breeze in
evening. Got one
head of deer had 15
dogs on to-day

Ther

SATURDAY 16

Wea

Strong NW
wind increasing
to gale in evening

Ther -36 SUN. DEC. 17, 1911

Wea

Strong N W wind
Coldest day to date

Ther -36 MONDAY 18

Wea

Strong N W wind
Dr Wilson got
due to natives
arrived at Island
today with three
Ethiopian Indians

571

Ther -22 TUES. DEC. 19, 1911

Wea

Legst. N W wind
76 and ice three
loads of ice to
day two with dogs
+ one with men
Native shot
polar bear on other
side island.

Ther -32 WEDNESDAY 20

Wea

Fresh westerly
breeze

Ther 26 THURS. DEC. 21, 1911

Wea

Strong N.W. breeze
Rains. Clear
under snow in
lucer election

Ther

FRIDAY 22

Wea

Light easterly
with snow shower
Went for two
la. cold ice with
chops. Bunked
with snow around
sternhole.

Ther -/0 SAT. DEC. 23, 1911

Wea

Strong N E wind
 Making brought
 in about 200
 fish

Ther

SUNDAY 24

Wea

Fresh breeze
 blowing out toward
 night

Ther

MON. DEC. 25, 1911

Wea

Calm got
me load ice
Holiday observed
had fine dinner
in ship

Dear Steak Potatoes
Asparagus on Toast
Salmon very jelly
Preserved pineapple
Mince pie
Cake

Coffee
Wrote book in evening

Ther -24 TUESDAY 26

Wea

Calm went for
me load ice
Police Dr and
grinder left for
Ft McPherson
Carrying mail. Spry
my dog also left
Put sail over
sternwale.

Ther

WED. DEC. 27, 1911

Wea

Calm Went
for two loads
ice.

Ther

- 4

THURSDAY 28

Wea

Henry & I
went one trip to
ice house

Ther 6 FRI. DEC. 29, 1911

Wea

Strong S W wind
went one tent
to ice from
Barrington on
front side ship

Ther 20 SATURDAY 30

Wea

SW breeze warm
went for one
load ice.

Ther - 5 SUN. DEC. 31, 1911

Wea

Midnight N. W.
mid. Welcome
the new year
by ring my bell
fore my game
etc.

MEMORANDA

1. *Spina water*
Mr. L. L. L.

May 30 1911
 45

Sketch by Currie
 60 miles SE of Middleton

2. *Brumplach*
Enslie

June 28 1911
 10 fcl

Sketch by Gonsalves
 10 miles E of Ketchikan

3. *Benthead*
Boyle

Aug 16 1911
 7630 lbs 9/11 in

Sketch by Sweeney

4. *Long Island*
Enslie

Aug 25 1911
 10 fcl

Sketch by Gonsalves
 10000 lbs 5/11 in

MEMORANDA

5. ~~Mr. ...~~
Aug 26, 1911

10 ft 2
Stuck by Lopez

6. Boyle
Aug 27, 1911
9 ft 31

Stuck by Sweeney

7. Mr. ...
Sept 5, 1911
10 ft

Stuck by Lopez
Got clear & finally
killed by Sweeney

8. Embrie
Sept 7, 1911

5 ft 1 in (not 20 ft)
Stuck by Gonzalez
Mr. ...

9. Embrie
Sept 8, 1911

10 ft 8 in (not 20 ft)
Stuck by Gonzalez
Miss Boyle & Sweeney
helped kill

MEMORANDA

10) B. will

Sept. 11, 1911

11 ft 6 in about 2400

Shuck by Sweeney

11) Seymour

Sept 16, 1911

9 ft 11 in

Shuck by Currie
Walton heard boat

12) May 9, 1912
July 29, 1912
10 ft 3 in

Shuck by Lopez
about 1850 lb

13) Emslie

Aug 11, 1912

10 ft 10 in

Shuck by Gonzales

14) M. 1059

Aug 11, 1912

8 ft

Shuck by Lopez

MEMORANDA

5

Emslie
Aug 12, 1912

10 ft 5 in

Shuck by Gmsalves

16) Boyle

Aug 25, 1912

10 ft 6 in

Shuck by Sweeney
Held by Walker

17) Emslie

Aug 31, 1912

Shuck by Gmsalves
9 ft 6 in

18) Moss

Sept 4, 1912

Shuck by Jopey

19) Emslie
Sept 6, 1912

Shuck by Gmsalves

20) Walker

Sept 16, 1912

9 ft 10 in

Shuck by Bush

MEMORANDA

21) Seymour
Sept 17, 1912

8 ft - 10 ft
Struck by Curry

22) Eonslie
Sept 19, 1912

10 ft 10 in
Struck by Gonzalez

23) Seymour
Sept 22, 1912

9 ft
Struck by Curry

5 ft 10 in

5 ft 10 in

5 ft 10 in

5 ft 10 in

5 ft 10 in

5 ft 10 in

5 ft 10 in

[1897]

MEMORANDA

MEMORANDA

MEMORANDA

MEMORANDA

Wm. F. Cottle - in center
 Wm. Layman - 1st mate
 Chas. B. Hyle - 2nd " "
 Theo. Embell - 3rd " "
 Alex. Curry - 4th " "
 Chas. Walker - boathead
 Wm. M. Vegg - "
 Dan. Dweeney - boatman
 Pete. Lopez - "
 Joe. Gonzalez - "
 George Bush - "
 Tom. Owens - "
 John. Fredrickson - Probate
 John. Gintson - "
 Donald Campbell - "
 Jack - Steward
 Alex. Gonzalez - cook
 Donald. David - cabin boy
 Mike - always boy
 Engineer - Pilot
 Geo. Carpenter - Chief
 Joe. Garrett - steward
 George. Blum - friend
 Dan. O'Connor - "
 Val. McAndrew - steward

MEMORANDA.

[52]

- new set records
 Johnson
 Wheeler
 Long
 Bailey
 Cyclone
 Dulest's when
 Cumber
 Thomas
 John H. H. H. H.
 Victor F. H.
 Big foot
 D. H. H.
 H. H.
 C. H. H.
 H. H.
 F. H. H. H. H. H.
 Reed
 Miller
 H. H. H.
 H. H. H.
 H. H. H. H. H. H.

Bell

found at H. H. H.
 Island May 15 1912

CASH ACCOUNT.

JANUARY.

Date.	Received.	Paid.
Cashed 1911		
15/100 lbs		
Wholesale		
300 lbs whale oil		
45 " sperm oil		
10 " humpback oil		

CASH ACCOUNT.

FEBRUARY.

Date.		Received.	Paid.
	Bone		
	on one account		on 1/9/11
	of 1/10		
	1/10 on 1/10		
	about	25 000	
	1/10 on 1/10		
	1/10 on 1/10	16 000	
	1/10 on 1/10		
	2 on 1/10	3 500	
	1/10 on 1/10		
	1 on 1/10	1 600	
	1/10 on 1/10		
	1/10 on 1/10	1 000	
	1/10 on 1/10	1 300	
	about	7 100	

190

CASH ACCOUNT.

FEBRUARY.

Date.

Received.

Paid.

CASH ACCOUNT.

MARCH.

Date.

Received.

Paid.

CASH ACCOUNT. MARCH.

15

Date.

Received.

Paid.

CASH ACCOUNT.

APRIL.

Date.

Received.

Paid.

CASH ACCOUNT. JUNE.

Date.

Received.

Paid.

CASH ACCOUNT.

AUGUST.

Date.

Received.

Paid.

CASH ACCOUNT.

SEPTEMBER.

Date.

Received.

Paid.

SEPTEMBER.

CASH ACCOUNT. OCTOBER.

Date.

Received.

Paid.

CASH ACCOUNT.

OCTOBER.

2183

Date.

Received.

Paid.

CASH ACCOUNT.

NOVEMBER.

Date.

Received.

Paid.

SUMMARY OF CASH ACCOUNT.

		Received.		Paid.	
JAN.					
FEB.					
MAR.					
APR.					
MAY.					
JUN.					
JUL.					
AUG.					
SEP.					
OCT.					
NOV.					
DEC.					

BILLS PAYABLE.

JANUARY.

[209]

Date.	NAME.	Doils.	Cts.
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RECEIVABLE.

BILLS PAYABLE.

MAY.

[25]

Date.	NAME.	Dolls.	Cts.
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RECEIVABLE.

BILLS PAYABLE.

JUNE.

Date.

NAME.

Dolls. C

RECEIVABLE.

1225

BILLS PAYABLE. SEPTEMBER.

Date,	NAME	Dolls.	Cts.
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RECEIVABLE.

BILLS PAYABLE.

NOVEMBER.

27

Date.	NAME.	Dolls.	Cts.
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RECEIVABLE.

SUMMARY OF CASH ACCOUNT.

	Received.		Paid.	
JAN.				
FEB.				
MAR.				
APR.				
MAY				
JUN.				
JUL.				
AUG.				
SEP.				
OCT.				
NOV.				
DEC.				

ADDRESSES.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

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STREET, No.

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TELEPHONE No.

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STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

[57]

ADDRESSES.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

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ADDRESSES.

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TELEPHONE No.

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STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

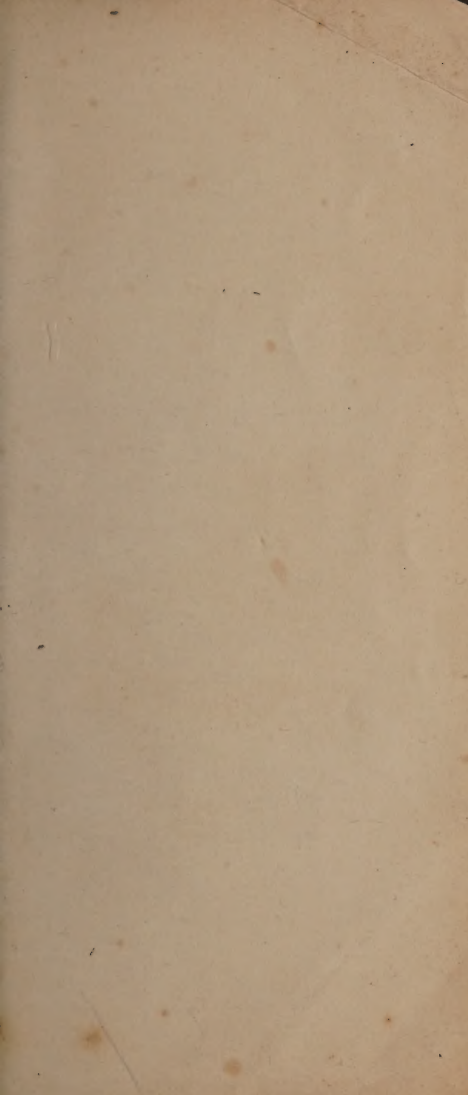
CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.



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